

Converting Colors

XYZ(61.7372, 92.6528, 47.1798)

Have a look what the booklet for
XYZ(61.7372, 92.6528, 47.1798)
contains.

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Color

**XYZ(56.0321, 81.2577,
45.0789)**

Conversions

Conversions Part 1

Format	Color
Hex	9EFF9E
RGB	158, 255, 158
RGB Percent	62%, 100%, 62%
CMY	0.3804, 0.0000, 0.3804
CMYK	0.38, 0.00, 0.38, 0.00
HSL	120°, 100%, 81%
HSV	120°, 38%, 100%
XYZ	56.0321, 81.2577, 45.0789
YIQ	214.9390, -26.6750, -50.7310

Conversions

Conversions Part 2

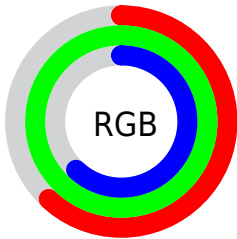
Format	Color
RYB	158, 255, 255
Decimal	10420126
CIELab	92.25, -47.33, 37.57
CIELCh	92, 60.430, 141.560
Yxy	81.2577, 0.3072, 0.4456
Android (android.graphics.Color)	4288610206 (0xFF9EFF9E)
YUV	214.9390, -28.0709, -49.9355
Hunter-Lab	90.1431, -46.7964, 33.4503

Details

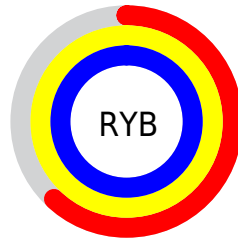
The XYZ color **56.0321, 81.2577, 45.0789** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **71.5167, 52.9340, 101.0541**, and the grayscale version is **64.7467, 68.1186, 74.1812**.

A 20% lighter version of the original color is **76.0891, 90.9230, 76.4904**, and **28.1107, 44.1748, 20.4096** is the 20% darker color. If you saturate the color by 10%, you get **49.5537, 78.1458, 34.4827**, and if you desaturate by 10%, it is **64.0075, 85.0887, 58.1246**.

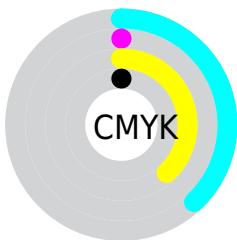
Distribution



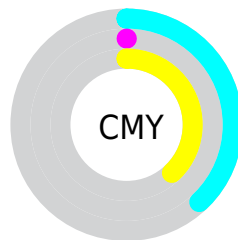
- Red (62%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)





- Cyan (38%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0321, 81.2577, 45.0789 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 56.0321, 81.2577, 45.0789 by changing the saturation by 10% instead.


 56.0321, 81.2577,
45.0789


 56.0321, 81.2577,
45.0789


399.8855,
499.1613, 383.2625

 40.4658, 60.7539,
31.1762


 98.1910, 135.1326,
84.1585

 28.0877, 44.0266,
20.4734


 125.5144,
169.2724, 110.1725

 18.5326, 30.6914,
12.5522


157.4874,
208.7263, 141.0606

 11.4350, 20.3640,
6.9938

194.4755,
253.8787, 177.2414

 6.4297, 12.6599,
3.3798

236.8440,
305.1140, 219.1334

 3.1512, 7.1948,
1.2917

284.9582,

 1.2342, 3.5842,

362.8166, 267.1553

0.0550

339.1836,
427.3709, 321.7254

0.1331, 1.4438,
0.0000

0.0000, 0.2487,
0.0000

56.0321, 81.2577,
45.0789

56.0321, 81.2577,
45.0789

49.5537, 78.1458,
34.4827

64.0075, 85.0887,
58.1246

44.4776, 75.7075,
26.1798

73.5637, 89.6790,
73.7554

40.7006, 73.8932,
20.0018

84.7799, 95.0667,
92.1015

38.1049, 72.6464,
15.7558

95.0500, 100.0000,
108.9000

■ 36.5510, 71.9000,
13.2140

■ 35.8500, 71.5632,
12.0673

■ 35.7600, 71.5200,
11.9201

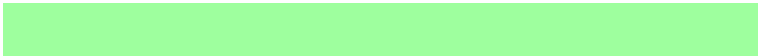
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.7221, 81.2577, 30.1994



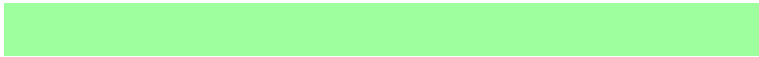
56.0321, 81.2577, 45.0789



51.1896, 81.2577, 76.4512

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.0321, 81.2577, 45.0789



72.9115, 81.2577, 203.6237



108.6392, 81.2577, 60.5028

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.0321, 81.2577, 45.0789



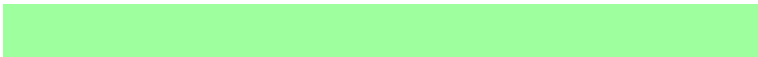
71.5167, 52.9340, 101.0541

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



110.8823, 81.2577, 101.6995



56.0321, 81.2577, 45.0789



88.7936, 81.2577, 194.8925

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.0321, 81.2577, 45.0789



60.0384, 81.2577, 174.3069



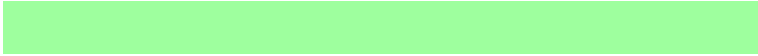
103.2028, 81.2577, 153.3842



97.4321, 81.2577, 36.7890

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.0321, 81.2577, 45.0789



51.4055, 81.2577, 106.8395



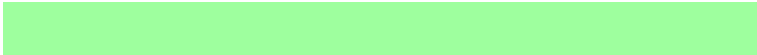
103.2028, 81.2577, 153.3842



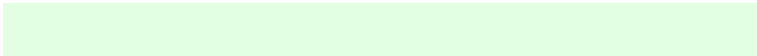
110.5217, 81.2577, 72.3470

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.0326, 81.2579, 45.0802



81.2811, 93.3861, 86.3786



83.1716, 95.2487, 46.3494



17.0654, 19.8289, 17.9453



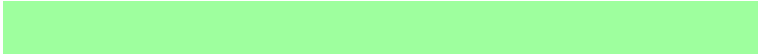
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

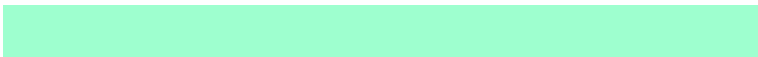
The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.0326, 81.2579, 45.0802



50.7576, 78.7241, 36.4519



61.0623, 83.2698, 71.5662



17.7717, 20.1682, 19.1006



18.6854, 37.3707, 6.2286



1.8193, 3.6387, 0.6065

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71.5167, 52.9340, 101.0541



68.3351, 46.5708, 99.9933



64.6685, 50.1947, 64.9920



18.7927, 18.3004, 22.7917



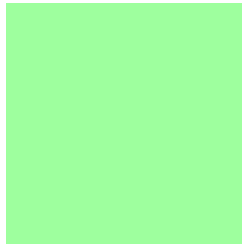
30.9799, 14.8813, 50.6721



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 56.0321, 81.2577, 45.0789 looks on a white background.

Color Contrast Check

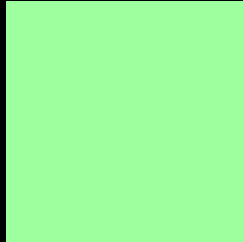
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 56.0321, 81.2577, 45.0789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

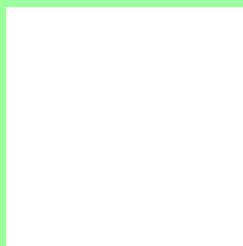
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0321, 81.2577, 45.0789

Background



This preview shows how black text looks on a background with the XYZ color 56.0321, 81.2577, 45.0789.



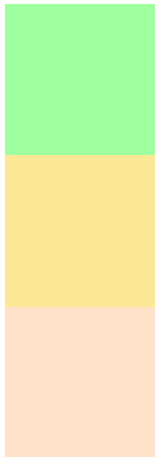
This preview shows how white text looks on a background with the XYZ color 56.0321, 81.2577,

45.0789.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.0321, 81.2577, 45.0789

Protanopia

74.1456, 80.0172, 39.9707

Deuteranopia

79.2517, 80.4152, 66.6030



Tritanopia

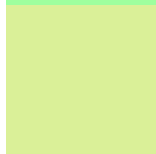
71.2024, 80.8776, 106.4659

Trichromacy



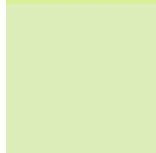
Original Color

56.0321, 81.2577, 45.0789



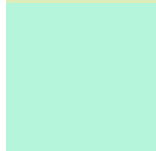
Protanomaly

65.7410, 79.4926, 41.5844



Deuteranomaly

68.5563, 79.2868, 57.5895



Tritanomaly

64.3931, 80.1754, 79.7917

Monochromacy



Original Color

56.0321, 81.2577, 45.0789



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

60.2826, 71.9580, 61.7510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0321, 81.2577, 45.0789 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(158, 255, 158)` looks like.

```
.text, #text, p{  
    color:rgb(158, 255, 158)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(158, 255, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 255, 158) }
```

Border

The CSS property to change the border of an element to XYZ 56.0321, 81.2577, 45.0789 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 255, 158) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(158, 255, 158) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(158, 255, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 255, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 255, 158);  
box-shadow:4px 4px 4px 4px rgb(158, 255,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0321, 81.2577, 45.0789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 255, 158) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(158,  
255, 158) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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