

Converting Colors

XYZ(61.7577, 78.2988, 45.3239)

Have a look what the booklet for
XYZ(61.7577, 78.2988, 45.3239)
contains.

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Color

**XYZ(61.6505, 78.1844,
45.0995)**

Conversions

Conversions Part 1

Format	Color
Hex	C7F2A0
RGB	199, 242, 160
RGB Percent	78%, 95%, 63%
CMY	0.2196, 0.0510, 0.3725
CMYK	0.18, 0.00, 0.34, 0.05
HSL	91°, 76%, 79%
HSV	91°, 34%, 95%
XYZ	61.6505, 78.1844, 45.0995
YIQ	219.7950, 0.6940, -34.6180

Conversions

Conversions Part 2

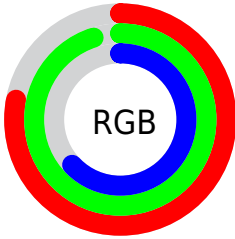
Format	Color
RYB	160, 242, 203
Decimal	13103776
CIELab	90.86, -27.81, 35.16
CIElCh	91, 44.828, 128.335
Yxy	78.1844, 0.3334, 0.4228
Android (android.graphics.Color)	4291293856 (0xFFC7F2A0)
YUV	219.7950, -29.4789, -18.2372
Hunter-Lab	88.4219, -30.2827, 31.6546

Details

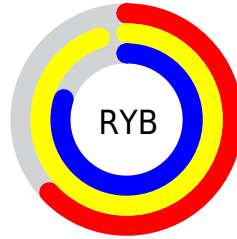
The XYZ color **61.6505, 78.1844, 45.0995** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **53.2296, 44.2511, 89.7444**, and the grayscale version is **68.0850, 71.6308, 78.0059**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **31.7673, 42.1298, 20.6449** is the 20% darker color. If you saturate the color by 10%, you get **56.5085, 75.7573, 34.8631**, and if you desaturate by 10%, it is **67.4895, 80.9280, 57.5227**.

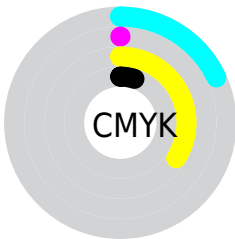
Distribution



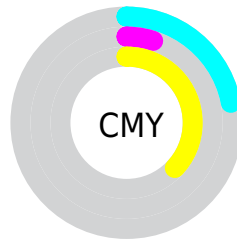
- Red (78%)
- Green (95%)
- Blue (63%)



- Red (63%)
- Yellow (95%)
- Blue (80%)



- Cyan (18%)
- Magenta (0%)
- Yellow (34%)
- Black (5%)



- Cyan (22%)
- Magenta (5%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6505, 78.1844, 45.0995 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 61.6505, 78.1844, 45.0995 by changing the saturation by 10% instead.

61.6505, 78.1844,
45.0995

61.6505, 78.1844,
45.0995

420.3930,
488.7928, 383.3483

45.0049, 58.2255,
31.1923

106.3130,
130.8100, 84.1897

31.6626, 41.9899,
20.4856

135.0607,
164.2455, 110.2098

21.2582, 29.0934,
12.5610

168.5730,
202.9420, 141.1046

13.4264, 19.1515,
6.9998

207.2154,
247.2838, 177.2927

7.8018, 11.7798,
3.3835

251.3533,
297.6555, 219.1926

4.0191, 6.5939,
1.2936

301.3519,

1.7130, 3.2095,

354.4412, 267.2227

0.0566

357.5767,
418.0256, 321.8018

0.4644, 1.2420,
0.0000

0.0000, 0.0956,
0.0000

61.6505, 78.1844,
45.0995

61.6505, 78.1844,
45.0995

56.5085, 75.7573,
34.8631

67.4895, 80.9280,
57.5227

52.0267, 73.6233,
26.6818

74.0481, 83.9901,
72.2441

48.1736, 71.7715,
20.4172

81.3553, 87.3855,
89.3738

44.9118, 70.1864,
15.9123

89.1444, 91.0083,
107.4757

■ 42.1993, 68.8500,
12.9847

■ 91.0437, 91.9874,
107.5646

■ 39.9857, 67.7414,
11.4124

■ 38.8359, 67.1584,
10.9160

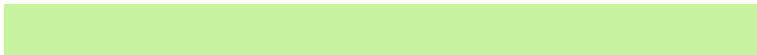
Harmonies

Analogous

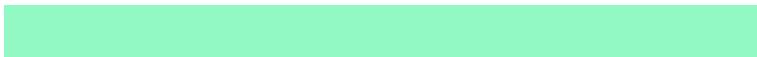
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2109, 78.1844, 37.2616



61.6505, 78.1844, 45.0995



55.9169, 78.1844, 64.1886

Triad

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



61.6505, 78.1844, 45.0995



66.5864, 78.1844, 156.9191



97.9128, 78.1844, 76.4360

Complementary

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



61.6505, 78.1844, 45.0995



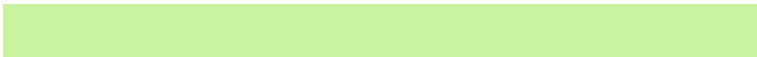
53.2296, 44.2511, 89.7444

Split Complementary

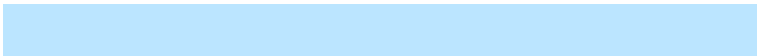
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.3545, 78.1844, 110.1914



61.6505, 78.1844, 45.0995



77.5016, 78.1844, 162.5985

Square

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



61.6505, 78.1844, 45.0995



58.5594, 78.1844, 129.7795



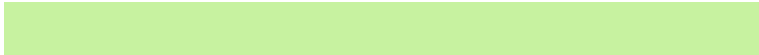
88.5981, 78.1844, 143.7634



92.6628, 78.1844, 52.1121

Rectangle

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



61.6505, 78.1844, 45.0995



54.6659, 78.1844, 83.3368



88.5981, 78.1844, 143.7634



98.1774, 78.1844, 86.9477

Sweetspot

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



61.6525, 78.1878, 45.1012



86.4629, 96.0164, 88.4712



64.1728, 63.8316, 42.1973



18.2632, 20.4383, 18.3701



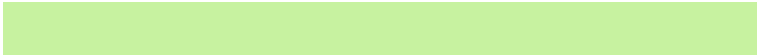
0.0000, 0.0000, 0.0000



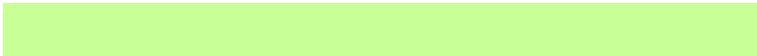
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6525, 78.1878, 45.1012



65.1664, 86.0395, 42.2172



52.7171, 73.5675, 45.3107



16.2810, 18.0250, 16.7708



21.0175, 36.1565, 5.8712



1.8626, 3.0667, 0.4938

Inverse Universe

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



53.2296, 44.2511, 89.7444



54.2822, 42.1954, 99.8913



65.0143, 50.3500, 89.2282



15.6884, 15.6366, 19.9129



13.4638, 5.9462, 45.5660



1.2349, 0.5539, 3.7960

Previews

White Background



This preview shows how the XYZ color 61.6505, 78.1844, 45.0995 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 61.6505, 78.1844, 45.0995 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 61.6505, 78.1844, 45.0995

Background



This preview shows how black text looks on a background with the XYZ color 61.6505, 78.1844, 45.0995.



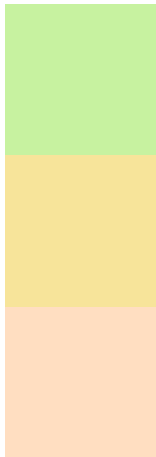
This preview shows how white text looks on a background with the XYZ color 61.6505, 78.1844,

45.0995.

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

61.6505, 78.1844, 45.0995

Protanopia

71.9339, 77.5941, 41.7577

Deuteranopia

76.9869, 77.3528, 61.3250



Tritanopia

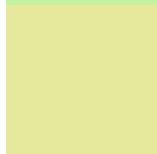
72.8262, 77.9884, 100.8375

Trichromacy



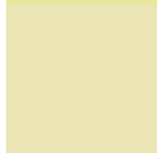
Original Color

61.6505, 78.1844, 45.0995



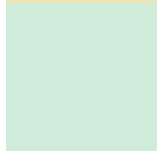
Protanomaly

67.7728, 77.5011, 42.8397



Deuteranomaly

70.6208, 77.0370, 54.8636



Tritanomaly

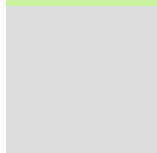
67.9648, 77.6918, 77.0595

Monochromacy



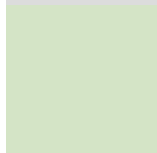
Original Color

61.6505, 78.1844, 45.0995



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

65.0878, 73.5611, 64.1943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6505, 78.1844, 45.0995 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(199, 242, 160)` looks like.

```
.text, #text, p{  
    color:rgb(199, 242, 160)  
}
```

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(199, 242, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 242, 160) }
```

Border

The CSS property to change the border of an element to XYZ 61.6505, 78.1844, 45.0995 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(199, 242, 160) }
```


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

```
.border{ border-color:rgb(199, 242, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 242, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 242, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 242, 160);  
box-shadow:4px 4px 4px 4px rgb(199, 242,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6505, 78.1844, 45.0995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 242, 160) }
```

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

```
.background{ background-color: rgb(199,  
242, 160) }
```

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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