

Converting Colors

XYZ(52.4549, 76.3034, 33.6602)

Have a look what the booklet for
XYZ(52.4549, 76.3034, 33.6602)
contains.

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Color

**XYZ(52.6326, 76.4821,
33.8183)**

Conversions

Conversions Part 1

Format	Color
Hex	A2F884
RGB	162, 248, 132
RGB Percent	64%, 97%, 52%
CMY	0.3647, 0.0274, 0.4823
CMYK	0.35, 0.00, 0.47, 0.03
HSL	104°, 89%, 75%
HSV	104°, 47%, 97%
XYZ	52.6326, 76.4821, 33.8183
YIQ	209.0620, -14.0200, -54.3080

Conversions

Conversions Part 2

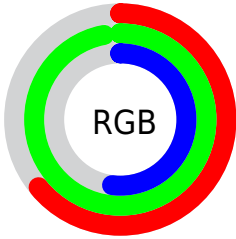
Format	Color
RYB	132, 248, 218
Decimal	10680452
CIELab	90.08, -46.66, 47.46
CIELCh	90, 66.555, 134.516
Yxy	76.4821, 0.3230, 0.4694
Android (android.graphics.Color)	4288870532 (0xFFA2F884)
YUV	209.0620, -37.9916, -41.2734
Hunter-Lab	87.4540, -45.6177, 38.2905

Details

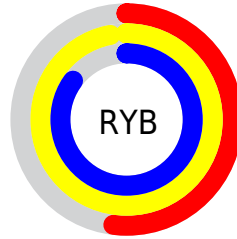
The XYZ color **52.6326, 76.4821, 33.8183** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **54.1114, 38.1876, 93.3299**, and the grayscale version is **60.8933, 64.0645, 69.7662**.

A 20% lighter version of the original color is **74.2448, 90.3235, 60.5348**, and **25.9859, 40.8903, 13.9201** is the 20% darker color. If you saturate the color by 10%, you get **47.6677, 74.0982, 25.7559**, and if you desaturate by 10%, it is **58.5509, 79.3154, 44.0340**.

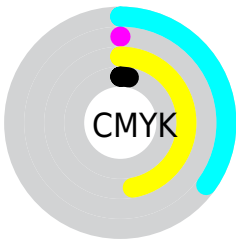
Distribution



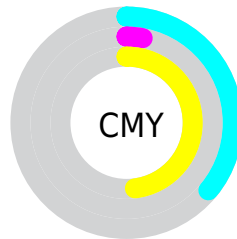
- Red (64%)
- Green (97%)
- Blue (52%)



- Red (52%)
- Yellow (97%)
- Blue (85%)



- Cyan (35%)
- Magenta (0%)
- Yellow (47%)
- Black (3%)




- Cyan (36%)
- Magenta (3%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6326, 76.4821, 33.8183 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 52.6326, 76.4821, 33.8183 by changing the saturation by 10% instead.


 52.6326, 76.4821,
33.8183

 52.6326, 76.4821,
33.8183


387.1579,
482.9964, 334.0655


 37.7359, 56.8279,
22.4778


 93.2322, 128.4082,
66.7817

 25.9540, 40.8671,
14.0067


 119.6658,
161.4488, 89.2416

 16.9218, 28.2152,
7.9866

 150.6758,
199.7204, 116.2452

 10.2737, 18.4880,
3.9987

186.6274,
243.6074, 148.2109

 5.6444, 11.3009,
1.6246

227.8861,
293.4940, 185.5572

 2.6687, 6.2696,
0.3083

274.8172,

 0.9811, 3.0097,

349.7648, 228.7027

0.0000

327.7860,
412.8042, 278.0660

0.0000, 1.1368,
0.0000

0.0000, 0.0092,
0.0000

52.6326, 76.4821,
33.8183

52.6326, 76.4821,
33.8183

47.6677, 74.0982,
25.7559

58.5509, 79.3154,
44.0340

43.5978, 72.1302,
19.6878


65.4652, 82.6103,
56.5368


40.3667, 70.5552,
15.4410


73.4223, 86.3904,
71.4559


37.9081, 69.3434,
12.8109

82.4644, 90.6749,
88.9090

 36.1432, 68.4599,
11.5389

 92.4688, 95.4168,
108.1514

 35.6920, 68.2323,
11.2890

 92.8589, 95.6179,
108.1696

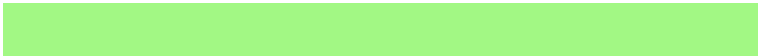
Harmonies

Analogous

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



65.0241, 76.4821, 22.6311



52.6326, 76.4821, 33.8183



46.1937, 76.4821, 61.2881

Triad

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



52.6326, 76.4821, 33.8183



64.5449, 76.4821, 205.1992



107.9566, 76.4821, 62.5043

Complementary

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



52.6326, 76.4821, 33.8183



54.1114, 38.1876, 93.3299

Split Complementary

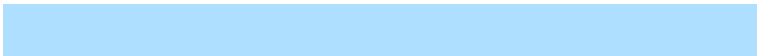
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



107.7762, 76.4821, 109.9790



52.6326, 76.4821, 33.8183



80.9443, 76.4821, 205.9246

Square

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



52.6326, 76.4821, 33.8183



52.3277, 76.4821, 164.6571



97.2976, 76.4821, 166.3723



97.7584, 76.4821, 34.4168

Rectangle

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



52.6326, 76.4821, 33.8183



45.4194, 76.4821, 90.6417



97.2976, 76.4821, 166.3723



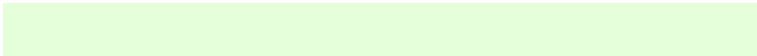
109.1517, 76.4821, 76.3205

Sweetspot

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



52.6345, 76.4854, 33.8200



80.7496, 93.2314, 80.9646



67.7095, 71.2858, 32.0218



16.8563, 19.7527, 16.5122



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.



52.6345, 76.4854, 33.8200



51.1135, 79.0959, 27.9608



49.3493, 74.5493, 44.6214



17.4381, 19.5261, 18.3122



19.3900, 36.9142, 6.1032



1.8902, 3.4675, 0.5697

Inverse Universe

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



54.1114, 38.1876, 93.3299



52.8014, 33.7691, 98.3429



60.0077, 41.6779, 73.2451



17.5293, 17.2855, 21.7978



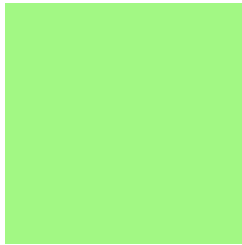
19.9516, 9.2281, 48.7032



1.9464, 0.9055, 4.5154

Previews

White Background



This preview shows how the XYZ color 52.6326, 76.4821, 33.8183 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 52.6326, 76.4821, 33.8183 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

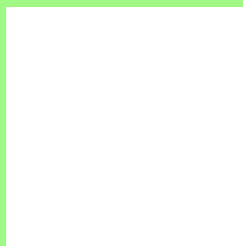
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6326, 76.4821, 33.8183

Background



This preview shows how black text looks on a background with the XYZ color 52.6326, 76.4821, 33.8183.



This preview shows how white text looks on a background with the XYZ color 52.6326, 76.4821,

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

52.6326, 76.4821, 33.8183

Protanopia

69.5458, 75.8044, 30.0350

Deuteranopia

74.8097, 75.2183, 53.7557



Tritanopia

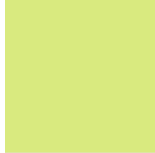
66.6809, 76.0048, 104.0844

Trichromacy



Original Color

52.6326, 76.4821, 33.8183



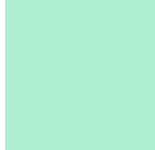
Protanomaly

61.8689, 75.1297, 31.3193



Deuteranomaly

64.7265, 74.6101, 45.6401



Tritanomaly

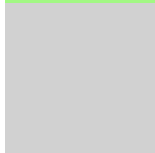
60.0543, 75.4504, 71.7198

Monochromacy



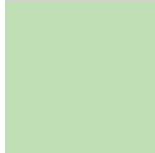
Original Color

52.6326, 76.4821, 33.8183



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

56.4664, 67.3180, 53.7336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6326, 76.4821, 33.8183 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(162, 248, 132)` looks like.

```
.text, #text, p{  
    color:rgb(162, 248, 132)  
}
```

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(162, 248, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 248, 132) }
```

Border

The CSS property to change the border of an element to XYZ 52.6326, 76.4821, 33.8183 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(162, 248, 132) }
```


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

```
.border{ border-color:rgb(162, 248, 132) }
```

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

Here you see how a box with a 4 pixel rgb(162, 248, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 248, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 248, 132);  
box-shadow:4px 4px 4px 4px rgb(162, 248,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6326, 76.4821, 33.8183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 248, 132) }
```

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

```
.background{ background-color: rgb(162,  
248, 132) }
```

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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