

Converting Colors

XYZ(52.0646, 63.5648, 32.0076)

Have a look what the booklet for
XYZ(52.0646, 63.5648, 32.0076)
contains.

XYZ(52.1394, 63.5998, 32.0822)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.1394, 63.5998,
32.0822)**

Conversions

Conversions Part 1

Format	Color
Hex	C4DA86
RGB	196, 218, 134
RGB Percent	77%, 85%, 53%
CMY	0.2314, 0.1451, 0.4745
CMYK	0.10, 0.00, 0.39, 0.15
HSL	76°, 53%, 69%
HSV	76°, 39%, 85%
XYZ	52.1394, 63.5998, 32.0822
YIQ	201.8460, 13.8520, -30.7880

Conversions

Conversions Part 2

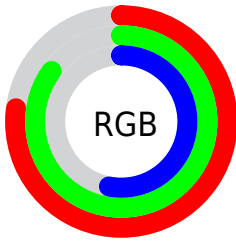
Format	Color
RYB	134, 218, 156
Decimal	12900998
CIELab	83.76, -20.68, 38.91
CIElCh	84, 44.065, 117.994
Yxy	63.5998, 0.3527, 0.4302
Android (android.graphics.Color)	4291091078 (0xFFC4DA86)
YUV	201.8460, -33.4481, -5.1269
Hunter-Lab	79.7495, -22.8601, 31.9730

Details

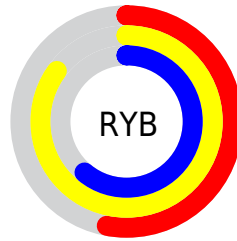
The XYZ color **52.1394, 63.5998, 32.0822** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **34.8928, 29.1818, 70.1269**, and the grayscale version is **56.2403, 59.1692, 64.4352**.

A 20% lighter version of the original color is **85.7102, 96.2217, 61.6322**, and **25.6430, 32.4816, 13.1017** is the 20% darker color. If you saturate the color by 10%, you get **49.3162, 62.3043, 24.8149**, and if you desaturate by 10%, it is **55.3358, 65.0555, 41.0055**.

Distribution



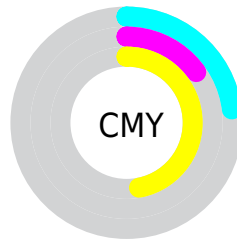
- Red (77%)
- Green (85%)
- Blue (53%)



- Red (53%)
- Yellow (85%)
- Blue (61%)



- Cyan (10%)
- Magenta (0%)
- Yellow (39%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1394, 63.5998, 32.0822 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 52.1394, 63.5998, 32.0822 by changing the saturation by 10% instead.

■ 52.1394, 63.5998,
32.0822

■ 52.1394, 63.5998,
32.0822

385.2897,
437.7430, 325.9978

■ 37.3409, 46.3266,
21.1590

■ 92.5098, 110.0344,
64.0393

■ 25.6464, 32.5036,
13.0479

■ 118.8124,
139.9646, 85.9103

■ 16.6906, 21.7465,
7.3304

■ 149.6805,
174.8825, 112.2676

■ 10.1081, 13.6707,
3.5880

185.4793,
215.1727, 143.5297

■ 5.5335, 7.8920,
1.4022

226.5743,
261.2194, 180.1153

■ 2.6015, 4.0259,
0.1434

273.3308,

■ 0.9467, 1.6881,

313.4071, 222.4428

0.0000

326.1141,
372.1202, 270.9308

0.0000, 0.4159,
0.0000

0.0000, 0.0000,
0.0000

52.1394, 63.5998,
32.0822

52.1394, 63.5998,
32.0822

49.3162, 62.3043,
24.8149

55.3358, 65.0555,
41.0055

46.8414, 61.1525,
19.0975

58.9190, 66.6702,
51.6743

44.6944, 60.1382,
14.8177

62.9076, 68.4538,
64.1764

42.8501, 59.2513,
11.8465

67.3175, 70.4127,
78.5926

■ 41.2789, 58.4799,
10.0318

■ 72.1638, 72.5529,
94.9987

■ 39.9368, 57.8062,
9.1447

■ 75.8411, 74.2325,
104.9388

■ 39.7499, 57.7119,
9.0445

■ 77.7069, 75.1943,
105.0261

■ 79.6333, 76.1874,
105.1163

■ 81.6209, 77.2121,
105.2093

Harmonies

Analogous

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



61.1026, 63.5998, 28.5143



52.1394, 63.5998, 32.0822



46.0200, 63.5998, 44.6969

Triad

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



52.1394, 63.5998, 32.0822



51.1250, 63.5998, 124.8992



80.9900, 63.5998, 71.1293

Complementary

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



52.1394, 63.5998, 32.0822



34.8928, 29.1818, 70.1269

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.



77.6184, 63.5998, 101.4629



52.1394, 63.5998, 32.0822



59.8015, 63.5998, 137.2232

Square

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



52.1394, 63.5998, 32.0822



45.4797, 63.5998, 97.3566



69.5992, 63.5998, 127.6802



78.3895, 63.5998, 47.1507

Rectangle

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



52.1394, 63.5998, 32.0822



44.0329, 63.5998, 58.7574



69.5992, 63.5998, 127.6802



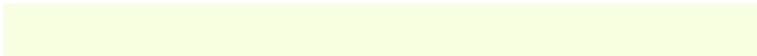
80.5107, 63.5998, 80.9215

Sweetspot

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



52.1410, 63.6026, 32.0836



87.6210, 96.6948, 84.8516



44.9401, 40.0713, 27.9211



18.5928, 20.6244, 17.6531



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.



52.1410, 63.6026, 32.0836



71.1507, 89.2371, 37.4055



42.8942, 58.8357, 31.6508



13.8120, 15.0834, 13.9090



23.9189, 34.6281, 5.4232



1.6287, 2.2842, 0.3550

Inverse Universe

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



34.8928, 29.1818, 70.1269



43.3352, 33.6829, 98.8252



44.2082, 33.9840, 70.5629



12.6570, 12.7813, 16.4521



8.6825, 3.6002, 39.9757



0.6431, 0.2748, 2.5936

Previews

White Background



This preview shows how the XYZ color 52.1394, 63.5998, 32.0822 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 52.1394, 63.5998, 32.0822 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

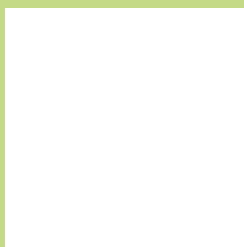
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1394, 63.5998, 32.0822

Background



This preview shows how black text looks on a background with the XYZ color 52.1394, 63.5998, 32.0822.



This preview shows how white text looks on a background with the XYZ color 52.1394, 63.5998,

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

52.1394, 63.5998, 32.0822

Protanopia

58.2637, 63.0543, 30.2190

Deuteranopia

64.4352, 63.0058, 32.8100



Tritanopia

61.7798, 63.4174, 79.5056

Trichromacy



Original Color

52.1394, 63.5998, 32.0822

Protanomaly

55.9591, 63.3246, 30.7462

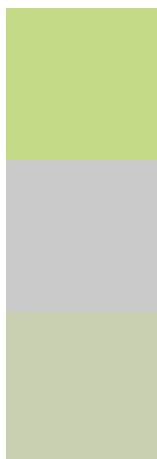
Deuteranomaly

59.2198, 62.7718, 32.6619

Tritanomaly

57.6001, 63.1875, 58.4508

Monochromacy



Original Color

52.1394, 63.5998, 32.0822

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.3111, 60.5654, 50.4228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1394, 63.5998, 32.0822 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(196, 218, 134)` looks like.

```
.text, #text, p{  
    color:rgb(196, 218, 134)  
}
```

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(196, 218, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 218, 134) }
```

Border

The CSS property to change the border of an element to XYZ 52.1394, 63.5998, 32.0822 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(196, 218, 134) }
```


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

```
.border{ border-color:rgb(196, 218, 134) }
```

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

Here you see how a box with a 4 pixel rgb(196, 218, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 218, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 218, 134);  
box-shadow:4px 4px 4px 4px rgb(196, 218,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1394, 63.5998, 32.0822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 218, 134) }
```

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

```
.background{ background-color: rgb(196,  
218, 134) }
```

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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