

Converting Colors

XYZ(50.5598, 58.1909, 42.0417)

Have a look what the booklet for
XYZ(50.5598, 58.1909, 42.0417)
contains.

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Color

**XYZ(50.4088, 58.0181,
41.7995)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CEA0
RGB	193, 206, 160
RGB Percent	76%, 81%, 63%
CMY	0.2431, 0.1921, 0.3725
CMYK	0.06, 0.00, 0.22, 0.19
HSL	77°, 32%, 72%
HSV	77°, 22%, 81%
XYZ	50.4088, 58.0181, 41.7995
YIQ	196.8690, 7.0180, -17.0620

Conversions

Conversions Part 2

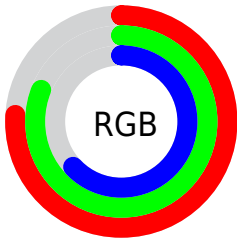
Format	Color
RYB	160, 206, 173
Decimal	12701344
CIELab	80.75, -12.30, 21.45
CIELCh	81, 24.727, 119.822
Yxy	58.0181, 0.3356, 0.3862
Android (android.graphics.Color)	4290891424 (0xFFC1CEA0)
YUV	196.8690, -18.1764, -3.3931
Hunter-Lab	76.1696, -15.1661, 20.7822

Details

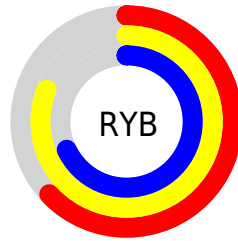
The XYZ color **50.4088, 58.0181, 41.7995** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.9472, 38.4836, 63.6656**, and the grayscale version is **53.0964, 55.8615, 60.8332**.

A 20% lighter version of the original color is **87.4501, 96.7503, 78.3555**, and **24.5825, 29.0281, 18.4947** is the 20% darker color. If you saturate the color by 10%, you get **47.2990, 56.6080, 33.0136**, and if you desaturate by 10%, it is **53.8788, 59.5829, 52.1634**.

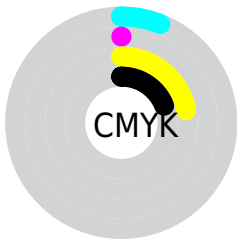
Distribution



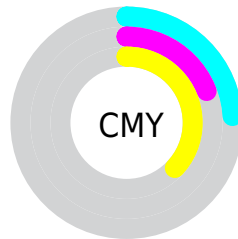
- Red (76%)
- Green (81%)
- Blue (63%)



- Red (63%)
- Yellow (81%)
- Blue (68%)



- Cyan (6%)
- Magenta (0%)
- Yellow (22%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4088, 58.0181, 41.7995 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 50.4088, 58.0181, 41.7995 by changing the saturation by 10% instead.

■ 50.4088, 58.0181,
41.7995

■ 50.4088, 58.0181,
41.7995

378.6881,
417.2534, 369.4262

■ 35.9575, 41.8232,
28.6199

■ 89.9685, 101.9492,
79.1629

■ 24.5713, 28.9629,
18.5504

■ 115.8075,
130.4542, 104.1838

■ 15.8850, 19.0527,
11.1723

146.1732,
163.8314, 133.9889

■ 9.5331, 11.7084,
6.0672

181.4308,
202.4651, 168.9967

■ 5.1504, 6.5454,
2.8166

221.9457,
246.7398, 209.6259

■ 2.3714, 3.1795,
1.0018

268.0834,

■ 0.8308, 1.2261,

297.0398, 256.2948

0.0000

320.2090,
353.7495, 309.4221

■ 0.0000, 0.0829,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.4088, 58.0181,
41.7995

■ 50.4088, 58.0181,
41.7995

■ 47.2990, 56.6080,
33.0136

■ 53.8788, 59.5829,
52.1634

■ 44.5295, 55.3387,
25.7246


■ 57.7187, 61.3006,
64.1736


■ 42.0851, 54.2061,
19.8496


■ 61.9435, 63.1792,
77.8991


■ 39.9477, 53.2028,
15.2964


■ 66.5661, 65.2238,
93.4038

 38.0969, 52.3205,
11.9618


 70.2827, 66.9131,
103.8190


 36.5095, 51.5500,
9.7271


 72.0986, 67.8493,
103.9040

 35.1579, 50.8801,
8.4502

 73.9768, 68.8175,
103.9918

 34.2439, 50.4196,
7.9271

 75.9178, 69.8181,
104.0827

 77.9222, 70.8514,
104.1765

Harmonies

Analogous

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



55.1750, 58.0181, 39.0380



50.4088, 58.0181, 41.7995



47.0921, 58.0181, 50.0762

Triad

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



50.4088, 58.0181, 41.7995



50.3590, 58.0181, 90.7017



65.5466, 58.0181, 63.2593

Complementary

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



50.4088, 58.0181, 41.7995



40.9472, 38.4836, 63.6656

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.



64.0661, 58.0181, 78.3721



50.4088, 58.0181, 41.7995



55.1140, 58.0181, 95.6341

Square

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



50.4088, 58.0181, 41.7995



47.0646, 58.0181, 78.1975



60.1678, 58.0181, 90.8129



64.0999, 58.0181, 50.2059

Rectangle

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



50.4088, 58.0181, 41.7995



46.0422, 58.0181, 58.3365



60.1678, 58.0181, 90.8129



65.3736, 58.0181, 68.2673

Sweetspot

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



50.4103, 58.0206, 41.8007



90.4759, 97.9587, 94.3750



46.6041, 45.2683, 39.5399



19.2843, 20.9308, 19.9459



0.0000, 0.0000, 0.0000



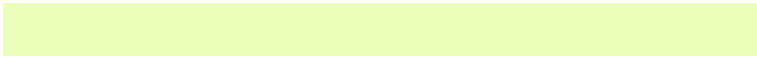
20.3446, 21.4041, 23.3091

Same Dimension

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



50.4103, 58.0206, 41.8007



79.0776, 92.8254, 60.2873



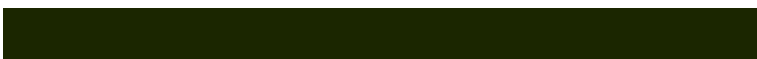
45.1549, 55.3114, 41.5548



11.8328, 12.9312, 11.9518



21.1843, 31.0962, 4.8856



1.1648, 1.6413, 0.2554

Inverse Universe

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



40.9472, 38.4836, 63.6656



60.9867, 55.4675, 102.0997



46.2880, 41.2369, 63.9155



10.8946, 10.9950, 14.1184



8.0256, 3.3449, 36.1789



0.4894, 0.2114, 1.8700

Previews

White Background



This preview shows how the XYZ color 50.4088, 58.0181, 41.7995 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 50.4088, 58.0181, 41.7995 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

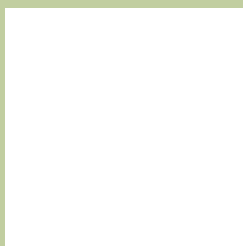
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.4088, 58.0181, 41.7995

Background



This preview shows how black text looks on a background with the XYZ color 50.4088, 58.0181, 41.7995.



This preview shows how white text looks on a background with the XYZ color 50.4088, 58.0181,

41.7995.

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

50.4088, 58.0181, 41.7995

Protanopia

54.1807, 57.8890, 40.2164

Deuteranopia

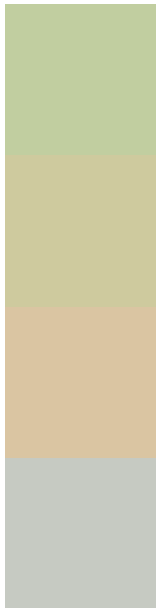
58.7392, 57.4994, 42.6529



Tritanopia

56.6484, 58.1194, 71.8508

Trichromacy



Original Color

50.4088, 58.0181, 41.7995

Protanomaly

52.7457, 57.8315, 40.7304

Deuteranomaly

55.4013, 57.4466, 42.3508

Tritanomaly

54.1468, 58.1419, 59.4076

Monochromacy



Original Color

50.4088, 58.0181, 41.7995

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.0710, 56.5050, 53.5095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4088, 58.0181, 41.7995 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(193, 206, 160)` looks like.

```
.text, #text, p{  
    color:rgb(193, 206, 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(193, 206, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 206, 160) }
```

Border

The CSS property to change the border of an element to XYZ 50.4088, 58.0181, 41.7995 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(193, 206, 160) }
```


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

```
.border{ border-color:rgb(193, 206, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 206, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 206, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 206, 160); box-shadow:4px 4px 4px 4px rgb(193, 206, 160) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4088, 58.0181, 41.7995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 206, 160) }
```

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

```
.background{ background-color: rgb(193,  
206, 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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