

Converting Colors

XYZ(59.7929, 66.2464, 52.6691)

Have a look what the booklet for
XYZ(59.7929, 66.2464, 52.6691)
contains.

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Color

**XYZ(59.9455, 66.4041,
52.8378)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D8B4
RGB	212, 216, 180
RGB Percent	83%, 85%, 71%
CMY	0.1686, 0.1529, 0.2941
CMYK	0.02, 0.00, 0.17, 0.15
HSL	67°, 32%, 78%
HSV	67°, 17%, 85%
XYZ	59.9455, 66.4041, 52.8378
YIQ	210.7000, 9.1720, -12.0440

Conversions

Conversions Part 2

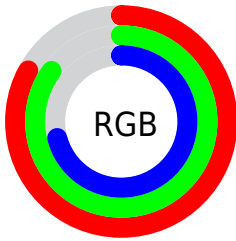
Format	Color
RYB	180, 216, 184
Decimal	13949108
CIELab	85.20, -7.43, 17.32
CIELCh	85, 18.846, 113.212
Yxy	66.4041, 0.3345, 0.3706
Android (android.graphics.Color)	4292139188 (0xFFD4D8B4)
YUV	210.7000, -15.1351, 1.1401
Hunter-Lab	81.4887, -11.2954, 18.5981

Details

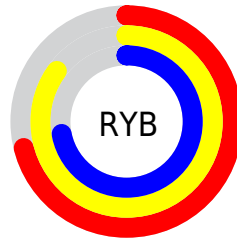
The XYZ color **59.9455, 66.4041, 52.8378** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.4856, 47.7925, 71.6388**, and the grayscale version is **61.8129, 65.0320, 70.8198**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **30.4803, 34.1901, 25.0715** is the 20% darker color. If you saturate the color by 10%, you get **57.2275, 65.2397, 42.1054**, and if you desaturate by 10%, it is **63.0203, 67.7169, 65.3797**.

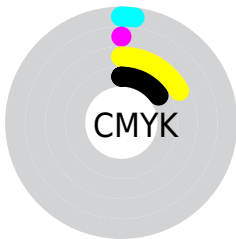
Distribution



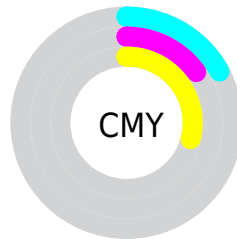
- Red (83%)
- Green (85%)
- Blue (71%)



- Red (71%)
- Yellow (85%)
- Blue (72%)



- Cyan (2%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)




- Cyan (17%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9455, 66.4041, 52.8378 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 59.9455, 66.4041, 52.8378 by changing the saturation by 10% instead.

 59.9455, 66.4041,
52.8378

 59.9455, 66.4041,
52.8378


414.2348,
447.8207, 414.7111

 43.6240, 48.6005,
37.2865


 103.8574,
114.0661, 95.8048

 30.5717, 34.3027,
25.1318


132.1785,
144.6934, 124.0575

 20.4231, 23.1262,
15.9554


165.2302,
180.3639, 157.3811

 12.8130, 14.6867,
9.3386

203.3778,
221.4622, 196.1941

 7.3760, 8.5998,
4.8629

246.9867,
268.3727, 240.9151

 3.7468, 4.4811,
2.1097

296.4223,

 1.5599, 1.9462,

321.4796, 291.9626

0.6215

352.0499,
381.1675, 349.7551

■ 0.3661, 0.5759,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9455, 66.4041,
52.8378

■ 59.9455, 66.4041,
52.8378

■ 57.2275, 65.2397,
42.1054

■ 63.0203, 67.7169,
65.3797

■ 54.8452, 64.2085,
33.0948

■ 66.4615, 69.1751,
79.8047

■ 52.7831, 63.3067,
25.7175

■ 70.2848, 70.7875,
96.1878

■ 51.0227, 62.5266,
19.8754

■ 72.6124, 71.8027,
104.6400

■ 49.5432, 61.8601,
15.4597

■ 73.3519, 72.1839,
104.6746

■ 48.3212, 61.2978,
12.3477

■ 74.1019, 72.5706,
104.7097

■ 47.3296, 60.8287,
10.3959

■ 74.8625, 72.9627,
104.7453

■ 46.5331, 60.4389,
9.4200

■ 75.6337, 73.3602,
104.7814

■ 46.2904, 60.3184,
9.2028

■ 76.4155, 73.7633,
104.8179

Harmonies

Analogous

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



64.0869, 66.4041, 51.4448



59.9455, 66.4041, 52.8378



56.7878, 66.4041, 59.1607

Triad

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



59.9455, 66.4041, 52.8378



58.3419, 66.4041, 92.7351



71.5916, 66.4041, 75.1073

Complementary

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



59.9455, 66.4041, 52.8378



48.4856, 47.7925, 71.6388

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.



69.8957, 66.4041, 87.2598



59.9455, 66.4041, 52.8378



62.1532, 66.4041, 98.1509

Square

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



59.9455, 66.4041, 52.8378



55.8915, 66.4041, 81.9353



66.3945, 66.4041, 96.0425



70.9358, 66.4041, 63.4564

Rectangle

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



59.9455, 66.4041, 52.8378



55.6028, 66.4041, 65.7450



66.3945, 66.4041, 96.0425



71.2753, 66.4041, 79.2828

Sweetspot

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



59.9473, 66.4070, 52.8392



92.5448, 98.9379, 98.4207



53.6168, 52.0110, 50.3942



19.7354, 21.1458, 20.7630



0.0000, 0.0000, 0.0000



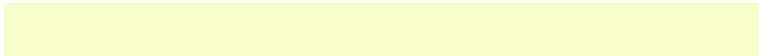
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9473, 66.4070, 52.8392



85.8428, 96.0796, 71.1476



55.1474, 63.9326, 52.6146



13.3305, 14.4466, 13.2466



27.4549, 35.7298, 5.4495



1.6956, 2.1755, 0.3305

Inverse Universe

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



48.4856, 47.7925, 71.6388



66.1281, 64.0593, 103.4871



52.9671, 50.1027, 71.8485



11.8696, 12.0742, 15.6425



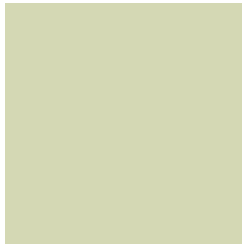
7.6050, 3.0730, 38.6455



0.5029, 0.2081, 2.3330

Previews

White Background



This preview shows how the XYZ color 59.9455, 66.4041, 52.8378 looks on a white background.

Color Contrast Check

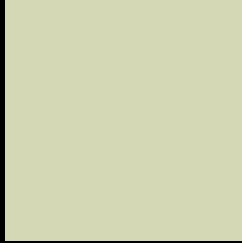
Large Text (above 18pt) WCAG AA × Fail

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 59.9455, 66.4041, 52.8378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

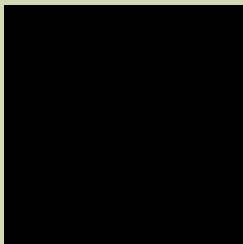
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

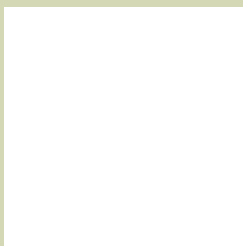
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9455, 66.4041, 52.8378

Background



This preview shows how black text looks on a background with the XYZ color 59.9455, 66.4041, 52.8378.



This preview shows how white text looks on a background with the XYZ color 59.9455, 66.4041,

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

59.9455, 66.4041, 52.8378

Protanopia

62.3198, 66.1486, 51.6028

Deuteranopia

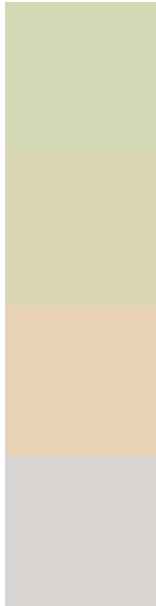
67.5830, 66.2731, 53.4860



Tritanopia

65.6875, 66.4896, 81.3232

Trichromacy



Original Color

59.9455, 66.4041, 52.8378

Protanomaly

61.4461, 66.0588, 52.1599

Deuteranomaly

64.4197, 66.0929, 53.0780

Tritanomaly

63.3710, 66.2893, 69.7767

Monochromacy



Original Color

59.9455, 66.4041, 52.8378

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0835, 65.6075, 64.0877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9455, 66.4041, 52.8378 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(212, 216, 180)` looks like.

```
.text, #text, p{  
    color:rgb(212, 216, 180)  
}
```

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(212, 216, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 216, 180) }
```

Border

The CSS property to change the border of an element to XYZ 59.9455, 66.4041, 52.8378 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(212, 216, 180) }
```


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

```
.border{ border-color:rgb(212, 216, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 216, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 216, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 216, 180);  
box-shadow:4px 4px 4px 4px rgb(212, 216,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9455, 66.4041, 52.8378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 216, 180) }
```

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

```
.background{ background-color: rgb(212,  
216, 180) }
```

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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