

Converting Colors

XYZ(48.2056, 52.5782, 19.1632)

Have a look what the booklet for
XYZ(48.2056, 52.5782, 19.1632)
contains.

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Color

**XYZ(48.2056, 52.5782,
19.1632)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C062
RGB	212, 192, 98
RGB Percent	83%, 75%, 38%
CMY	0.1686, 0.2470, 0.6157
CMYK	0.00, 0.09, 0.54, 0.17
HSL	49°, 57%, 61%
HSV	49°, 54%, 83%
XYZ	48.2056, 52.5782, 19.1632
YIQ	187.2640, 42.0940, -24.9940

Conversions

Conversions Part 2

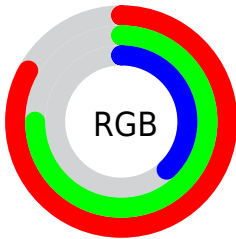
Format	Color
RYB	122, 212, 98
Decimal	13942882
CIELab	77.63, -4.82, 49.34
CIElCh	78, 49.576, 95.576
Yxy	52.5782, 0.4019, 0.4383
Android (android.graphics.Color)	4292132962 (0xFFD4C062)
YUV	187.2640, -44.0072, 21.6935
Hunter-Lab	72.5108, -8.2262, 35.0884

Details

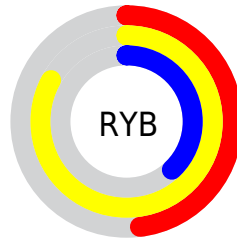
The XYZ color **48.2056, 52.5782, 19.1632** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.3989, 20.3063, 64.9732**, and the grayscale version is **47.6085, 50.0879, 54.5457**.

A 20% lighter version of the original color is **80.3933, 90.6292, 42.5342**, and **23.2633, 25.6390, 6.4120** is the 20% darker color. If you saturate the color by 10%, you get **46.5285, 50.6194, 14.3029**, and if you desaturate by 10%, it is **50.1709, 54.6892, 25.4284**.

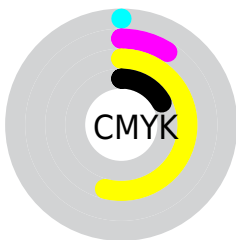
Distribution



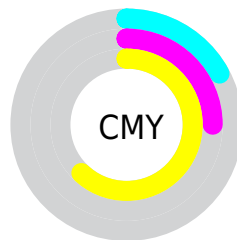
- Red (83%)
- Green (75%)
- Blue (38%)



- Red (48%)
- Yellow (83%)
- Blue (38%)



- Cyan (0%)
- Magenta (9%)
- Yellow (54%)
- Black (17%)



- Cyan (17%)
- Magenta (25%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2056, 52.5782, 19.1632 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 48.2056, 52.5782, 19.1632 by changing the saturation by 10% instead.

■ 48.2056, 52.5782,
19.1632

■ 48.2056, 52.5782,
19.1632

370.1755,
396.6647, 259.8009

■ 34.2017, 37.4662,
11.6103

■ 86.7183, 93.9834,
42.8501

■ 23.2122, 25.5686,
6.3596

■ 111.9577,
121.0454, 59.8210

■ 14.8718, 16.5012,
2.9926

■ 141.6731,
152.8594, 80.7685

■ 8.8152, 9.8795,
1.0909

■ 176.2297,
189.8099, 106.1109

■ 4.6770, 5.3191,
0.0000

215.9929,
232.2813, 136.2668

■ 2.0918, 2.4357,
0.0000

261.3280,

■ 0.6848, 0.8442,

280.6580, 171.6547

0.0000

312.6004,
335.3243, 212.6933

■ 0.0000, 0.0000,
0.0000

■ 48.2056, 52.5782,
19.1632

■ 48.2056, 52.5782,
19.1632

■ 46.5285, 50.6194,
14.3029

■ 50.1709, 54.6892,
25.4284

■ 45.1143, 48.7966,
10.7316

■ 52.4399, 56.9530,
33.1960

■ 43.9394, 47.1020,
8.3198

■ 55.0314, 59.3792,
42.5584

■ 42.9736, 45.5234,
6.9096

■ 57.9613, 61.9745,
53.5995

■ 42.4456, 44.5858,
6.3688

■ 61.2448, 64.7452,
66.3974

■ 64.8959, 67.6970,
81.0255

■ 68.9277, 70.8356,
97.5527

■ 71.2565, 73.3276,
105.0058

■ 72.2536, 75.3217,
105.3381

Harmonies

Analogous

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



57.9827, 52.5782, 21.4002



48.2056, 52.5782, 19.1632



40.0064, 52.5782, 24.1717

Triad

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



48.2056, 52.5782, 19.1632



36.4410, 52.5782, 93.7459



68.6892, 52.5782, 81.9453

Complementary

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



48.2056, 52.5782, 19.1632



23.3989, 20.3063, 64.9732

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.



61.4732, 52.5782, 111.7587



48.2056, 52.5782, 19.1632



42.7389, 52.5782, 119.9574

Square

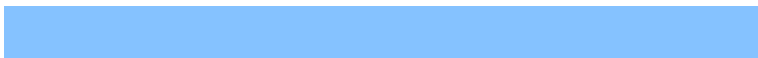
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.2056, 52.5782, 19.1632



33.7934, 52.5782, 62.5287



51.7851, 52.5782, 127.4277



70.6371, 52.5782, 52.2747

Rectangle

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



48.2056, 52.5782, 19.1632



36.2691, 52.5782, 32.3079



51.7851, 52.5782, 127.4277



66.7579, 52.5782, 92.5435

Sweetspot

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



48.2069, 52.5807, 19.1643



86.9227, 93.1643, 77.1535



34.8431, 24.0624, 20.2300



18.4032, 19.7636, 15.7493



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.



48.2069, 52.5807, 19.1643



70.2309, 76.3398, 20.5398



43.6301, 57.1871, 20.2946



13.2789, 14.1321, 13.1886



26.2698, 27.6569, 3.9538



1.6342, 1.7677, 0.2551

Inverse Universe

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



23.3989, 20.3063, 64.9732



28.7101, 22.3887, 97.4160



26.0993, 18.5660, 64.4950



11.9170, 12.3573, 15.6946



7.7998, 3.8613, 38.7874



0.5250, 0.3420, 2.3577

Previews

White Background



This preview shows how the XYZ color 48.2056, 52.5782, 19.1632 looks on a white background.

Color Contrast Check

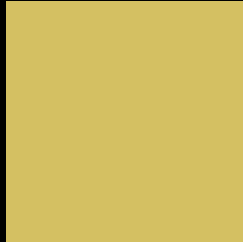
Large Text (above 18pt) WCAG AA × Fail

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 48.2056, 52.5782, 19.1632 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 48.2056, 52.5782, 19.1632

Background



This preview shows how black text looks on a background with the XYZ color 48.2056, 52.5782, 19.1632.



This preview shows how white text looks on a background with the XYZ color 48.2056, 52.5782,

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

48.2056, 52.5782, 19.1632

Protanopia

48.2056, 52.5782, 19.1632

Deuteranopia

53.4947, 52.4492, 19.3608



Tritanopia

56.1930, 52.3600, 58.7746

Trichromacy



Original Color

48.2056, 52.5782, 19.1632

Protanomaly

48.2056, 52.5782, 19.1632

Deuteranomaly

51.4896, 52.3496, 19.1951

Tritanomaly

52.6076, 52.1414, 40.5493

Monochromacy



Original Color

48.2056, 52.5782, 19.1632

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.8789, 50.4975, 38.2866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2056, 52.5782, 19.1632 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, 192, 98)` looks like.

```
.text, #text, p{  
    color:rgb(212, 192, 98)  
}
```

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, 192, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 192, 98) }
```

Border

The CSS property to change the border of an element to XYZ 48.2056, 52.5782, 19.1632 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, 192, 98) }
```


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

```
.border{ border-color:rgb(212, 192, 98) }
```

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

Here you see how a box with a 4 pixel rgb(212, 192, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 192, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 192, 98);  
box-shadow:4px 4px 4px 4px rgb(212, 192,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2056, 52.5782, 19.1632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 192, 98) }
```

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

```
.background{ background-color: rgb(212,  
192, 98) }
```

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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