

Converting Colors

XYZ(51.1378, 56.5422, 25.9908)

Have a look what the booklet for
XYZ(51.1378, 56.5422, 25.9908)
contains.

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Color

**XYZ(51.1958, 56.6617,
26.0078)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C878
RGB	212, 200, 120
RGB Percent	83%, 78%, 47%
CMY	0.1686, 0.2157, 0.5294
CMYK	0.00, 0.06, 0.43, 0.17
HSL	52°, 52%, 65%
HSV	52°, 43%, 83%
XYZ	51.1958, 56.6617, 26.0078
YIQ	194.4680, 32.8320, -22.3360

Conversions

Conversions Part 2

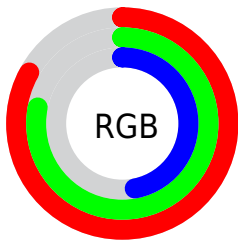
Format	Color
RYB	134, 212, 120
Decimal	13944952
CIELab	79.99, -6.93, 41.41
CIELCh	80, 41.981, 99.496
Yxy	56.6617, 0.3824, 0.4233
Android (android.graphics.Color)	4292135032 (0xFFD4C878)
YUV	194.4680, -36.7127, 15.3756
Hunter-Lab	75.2740, -10.3269, 32.2066

Details

The XYZ color **51.1958, 56.6617, 26.0078** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.8804, 25.2482, 65.6911**, and the grayscale version is **51.7542, 54.4494, 59.2954**.

A 20% lighter version of the original color is **84.5428, 95.7971, 53.5700**, and **25.0634, 28.0554, 9.7245** is the 20% darker color. If you saturate the color by 10%, you get **49.4152, 54.9365, 19.7542**, and if you desaturate by 10%, it is **53.2756, 58.5292, 33.7676**.

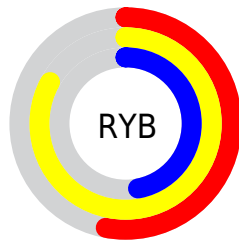
Distribution



Red (83%)

Green (78%)

Blue (47%)



Red (53%)

Yellow (83%)

Blue (47%)

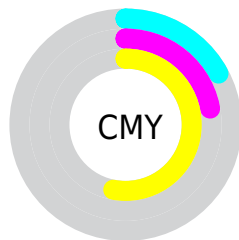


Cyan (0%)

Magenta (6%)

Yellow (43%)

Black (17%)



Cyan (17%)

Magenta (22%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1958, 56.6617, 26.0078 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 51.1958, 56.6617, 26.0078 by changing the saturation by 10% instead.

■ 51.1958, 56.6617,
26.0078

■ 51.1958, 56.6617,
26.0078

381.6992,
412.1804, 296.4271

■ 36.5861, 40.7337,
16.6037

■ 91.1254, 99.9714,
54.2718

■ 25.0594, 28.1111,
9.7934

■ 117.1760,
128.1219, 73.9687

■ 16.2503, 18.4094,
5.1584

■ 147.7711,
161.1153, 97.9336

■ 9.7934, 11.2443,
2.2801

183.2758,
199.3361, 126.5850

■ 5.3234, 6.2314,
0.7200

224.0556,
243.1686, 160.3416

■ 2.4749, 2.9863,
0.0000

270.4759,

■ 0.8826, 1.1246,

292.9972, 199.6217

0.0000

322.9020,
349.2064, 244.8440

■ 0.0000, 0.0000,
0.0000

■ 51.1958, 56.6617,
26.0078

■ 51.1958, 56.6617,
26.0078

■ 49.4152, 54.9365,
19.7542

■ 53.2756, 58.5292,
33.7676

■ 47.9105, 53.3380,
14.9033

■ 55.6679, 60.5383,
43.1213

■ 46.6619, 51.8603,
11.3439


■ 58.3898, 62.6979,
54.1535


■ 45.6445, 50.4933,
8.9464


■ 61.4564, 65.0142,
66.9424


■ 44.8287, 49.2250,
7.5542


■ 64.8814, 67.4928,
81.5609

 44.3668, 48.4280,
7.0092

 68.6781, 70.1390,
98.0778

 70.6250, 72.0644,
104.7952

 71.3536, 73.5217,
105.0381

 72.0943, 75.0030,
105.2850

Harmonies

Analogous

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



59.8040, 56.6617, 27.3406



51.1958, 56.6617, 26.0078



44.0871, 56.6617, 32.0943

Triad

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



51.1958, 56.6617, 26.0078



42.1695, 56.6617, 96.6326



70.7156, 56.6617, 79.6450

Complementary

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



51.1958, 56.6617, 26.0078



27.8804, 25.2482, 65.6911

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.



64.9691, 56.6617, 105.4794



51.1958, 56.6617, 26.0078



48.3146, 56.6617, 116.9459

Square

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



51.1958, 56.6617, 26.0078



39.2505, 56.6617, 69.7690



56.6052, 56.6617, 120.5529



71.6962, 56.6617, 54.2692

Rectangle

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



51.1958, 56.6617, 26.0078



40.9296, 56.6617, 40.8000



56.6052, 56.6617, 120.5529



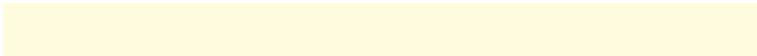
69.2505, 56.6617, 88.7271

Sweetspot

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



51.1972, 56.6643, 26.0090



88.8014, 95.3193, 82.7200



38.0513, 29.1038, 25.5384



18.7996, 20.2410, 16.8536



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.



51.1972, 56.6643, 26.0090



75.2686, 83.6569, 30.7229



45.3552, 57.9396, 26.5630



13.3283, 14.2308, 13.2051



27.4424, 30.0020, 4.3446



1.6945, 1.8882, 0.2751

Inverse Universe

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



27.8804, 25.2482, 65.6911



35.4653, 30.0518, 98.5391



31.8764, 25.0310, 65.4385



11.8718, 12.2671, 15.6796



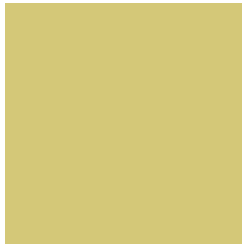
7.6286, 3.5189, 38.7303



0.5038, 0.2997, 2.3506

Previews

White Background



This preview shows how the XYZ color 51.1958, 56.6617, 26.0078 looks on a white background.

Color Contrast Check

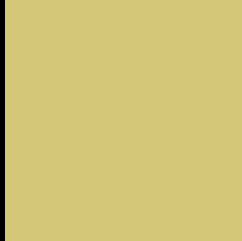
Large Text (above 18pt) WCAG AA × Fail

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 51.1958, 56.6617, 26.0078 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 51.1958, 56.6617, 26.0078

Background



This preview shows how black text looks on a background with the XYZ color 51.1958, 56.6617, 26.0078.

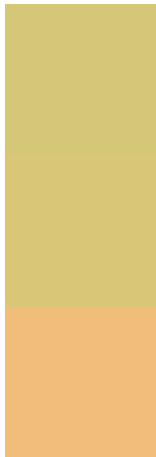


This preview shows how white text looks on a background with the XYZ color 51.1958, 56.6617,

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

51.1958, 56.6617, 26.0078

Protanopia

52.1391, 56.4718, 25.6049

Deuteranopia

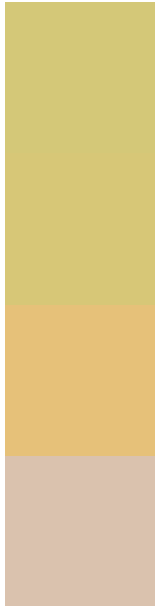
57.6456, 56.3256, 26.2460



Tritanopia

59.2517, 56.6068, 65.5609

Trichromacy



Original Color

51.1958, 56.6617, 26.0078

Protanomaly

51.7775, 56.6258, 25.6537

Deuteranomaly

55.1543, 56.3434, 26.0576

Tritanomaly

55.8452, 56.5450, 48.0153

Monochromacy



Original Color

51.1958, 56.6617, 26.0078

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.8024, 54.6874, 44.4374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1958, 56.6617, 26.0078 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, 200, 120)` looks like.

```
.text, #text, p{  
    color:rgb(212, 200, 120)  
}
```

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, 200, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 200, 120) }
```

Border

The CSS property to change the border of an element to XYZ 51.1958, 56.6617, 26.0078 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, 200, 120) }
```


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

```
.border{ border-color:rgb(212, 200, 120) }
```

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

Here you see how a box with a 4 pixel rgb(212, 200, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 200, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 200, 120);  
box-shadow:4px 4px 4px 4px rgb(212, 200,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1958, 56.6617, 26.0078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 200, 120) }
```

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

```
.background{ background-color: rgb(212,  
200, 120) }
```

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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