

Converting Colors

XYZ(51.0877, 56.2490, 26.5769)

Have a look what the booklet for
XYZ(51.0877, 56.2490, 26.5769)
contains.

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Color

**XYZ(51.0877, 56.2490,
26.5769)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C77A
RGB	212, 199, 122
RGB Percent	83%, 78%, 48%
CMY	0.1686, 0.2196, 0.5216
CMYK	0.00, 0.06, 0.42, 0.17
HSL	51°, 51%, 65%
HSV	51°, 42%, 83%
XYZ	51.0877, 56.2490, 26.5769
YIQ	194.1090, 32.4650, -21.1910

Conversions

Conversions Part 2

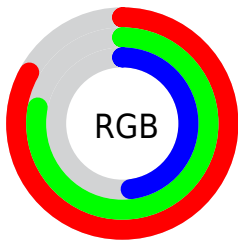
Format	Color
RYB	137, 212, 122
Decimal	13944698
CIELab	79.76, -6.21, 40.10
CIELCh	80, 40.582, 98.796
Yxy	56.2490, 0.3815, 0.4200
Android (android.graphics.Color)	4292134778 (0xFFD4C77A)
YUV	194.1090, -35.5497, 15.6904
Hunter-Lab	74.9993, -9.6590, 31.4894

Details

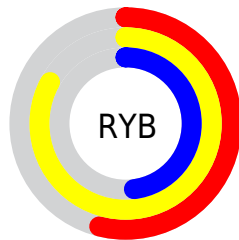
The XYZ color **51.0877, 56.2490, 26.5769** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.5736, 26.2183, 65.8421**, and the grayscale version is **51.5343, 54.2181, 59.0436**.

A 20% lighter version of the original color is **84.7379, 95.8751, 54.5970**, and **24.9730, 27.7736, 10.0059** is the 20% darker color. If you saturate the color by 10%, you get **49.2181, 54.3875, 20.1650**, and if you desaturate by 10%, it is **53.2608, 58.2586, 34.5049**.

Distribution



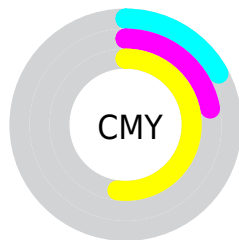
- Red (83%)
- Green (78%)
- Blue (48%)



- Red (54%)
- Yellow (83%)
- Blue (48%)



- Cyan (0%)
- Magenta (6%)
- Yellow (42%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0877, 56.2490, 26.5769 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 51.0877, 56.2490, 26.5769 by changing the saturation by 10% instead.

■ 51.0877, 56.2490,
26.5769

■ 51.0877, 56.2490,
26.5769

381.2865,
410.6292, 299.2978

■ 36.4997, 40.4026,
17.0261

■ 90.9666, 99.3685,
55.1996

■ 24.9923, 27.8526,
10.0909

■ 116.9883,
127.4105, 75.1086

■ 16.2000, 18.2146,
5.3529

■ 147.5519,
160.2864, 99.3075

■ 9.7575, 11.1041,
2.3934

183.0228,
198.3806, 128.2147

■ 5.2995, 6.1369,
0.7829

223.7663,
242.0777, 162.2487

■ 2.4606, 2.9285,
0.0000

270.1479,

■ 0.8754, 1.0945,

291.7618, 201.8283

0.0000

322.5328,
347.8176, 247.3717

■ 0.0000, 0.0000,
0.0000

■ 51.0877, 56.2490,
26.5769

■ 51.0877, 56.2490,
26.5769

■ 49.2181, 54.3875,
20.1650

■ 53.2608, 58.2586,
34.5049

■ 47.6289, 52.6587,
15.1664

■ 55.7505, 60.4156,
44.0358

■ 46.3004, 51.0566,
11.4715


■ 58.5740, 62.7291,
55.2538


■ 45.2082, 49.5713,
8.9524


■ 61.7461, 65.2051,
68.2364


■ 44.3232, 48.1910,
7.4560

■ 65.2806, 67.8492,
83.0561

 43.7546, 47.2034,
6.8051

 69.1907, 70.6669,
99.7815

 70.9084, 72.6310,
104.8897

 71.7213, 74.2568,
105.1606

 72.5489, 75.9121,
105.4365

Harmonies

Analogous

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



59.3722, 56.2490, 28.0516



51.0877, 56.2490, 26.5769



44.1786, 56.2490, 32.3584

Triad

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



51.0877, 56.2490, 26.5769



42.0899, 56.2490, 94.1245



69.5541, 56.2490, 79.0767

Complementary

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



51.0877, 56.2490, 26.5769



28.5736, 26.2183, 65.8421

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.



63.9647, 56.2490, 103.6202



51.0877, 56.2490, 26.5769



47.9595, 56.2490, 113.7382

Square

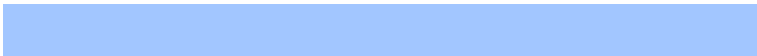
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.0877, 56.2490, 26.5769



39.3437, 56.2490, 68.4144



55.9108, 56.2490, 117.5985



70.6109, 56.2490, 54.5960

Rectangle

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



51.0877, 56.2490, 26.5769



41.0771, 56.2490, 40.6998



55.9108, 56.2490, 117.5985



68.1176, 56.2490, 87.7512

Sweetspot

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



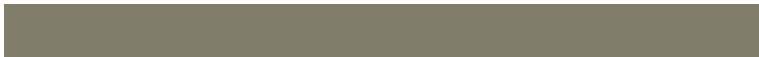
51.0891, 56.2516, 26.5781



88.6567, 95.0298, 82.6718



38.5199, 29.6801, 26.8060



18.7635, 20.1688, 16.8415



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.



51.0891, 56.2516, 26.5781



74.9979, 82.8583, 31.4257



45.9957, 58.2558, 27.2334



13.3129, 14.2000, 13.1999



27.0687, 29.2547, 4.2200



1.6754, 1.8500, 0.2688

Inverse Universe

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



28.5736, 26.2183, 65.8421



36.4322, 31.4404, 98.7562



32.0752, 25.4943, 65.5178



11.8859, 12.2951, 15.6843



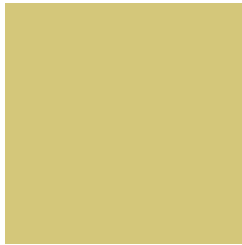
7.6770, 3.6158, 38.7464



0.5104, 0.3129, 2.3528

Previews

White Background



This preview shows how the XYZ color 51.0877, 56.2490, 26.5769 looks on a white background.

Color Contrast Check

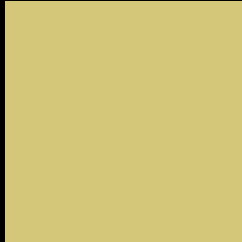
Large Text (above 18pt) WCAG AA × Fail

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 51.0877, 56.2490, 26.5769 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 51.0877, 56.2490, 26.5769

Background



This preview shows how black text looks on a background with the XYZ color 51.0877, 56.2490, 26.5769.



This preview shows how white text looks on a background with the XYZ color 51.0877, 56.2490,

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

51.0877, 56.2490, 26.5769

Protanopia

52.0258, 56.3922, 26.5551

Deuteranopia

57.4323, 56.2012, 26.8897



Tritanopia

58.9155, 56.1270, 64.8552

Trichromacy



Original Color

51.0877, 56.2490, 26.5769

Protanomaly

51.7313, 56.2404, 26.5413

Deuteranomaly

54.9582, 56.2280, 26.6954

Tritanomaly

55.6234, 56.1013, 47.9414

Monochromacy



Original Color

51.0877, 56.2490, 26.5769

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.8952, 54.7245, 44.9262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0877, 56.2490, 26.5769 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, 199, 122)` looks like.

```
.text, #text, p{  
    color:rgb(212, 199, 122)  
}
```

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, 199, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 199, 122) }
```

Border

The CSS property to change the border of an element to XYZ 51.0877, 56.2490, 26.5769 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, 199, 122) }
```


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

```
.border{ border-color:rgb(212, 199, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 199, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 199, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 199, 122);  
box-shadow:4px 4px 4px 4px rgb(212, 199,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0877, 56.2490, 26.5769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 199, 122) }
```

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

```
.background{ background-color: rgb(212,  
199, 122) }
```

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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