

Converting Colors

XYZ(25.7885, 20.2011, 9.1966)

Have a look what the booklet for
XYZ(25.7885, 20.2011, 9.1966)
contains.

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Color

**XYZ(25.7885, 20.2011,
9.1966)**

Conversions

Conversions Part 1

Format	Color
Hex	B8664B
RGB	184, 102, 75
RGB Percent	72%, 40%, 29%
CMY	0.2784, 0.6000, 0.7059
CMYK	0.00, 0.45, 0.59, 0.28
HSL	15°, 43%, 51%
HSV	15°, 59%, 72%
XYZ	25.7885, 20.2011, 9.1966
YIQ	123.4400, 57.5390, 8.9870

Conversions

Conversions Part 2

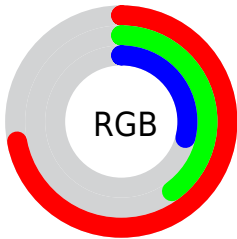
Format	Color
R_{YB}	184, 111, 75
Decimal	12084811
CIE Lab	52.06, 30.31, 29.60
CIE LCh	52, 42.369, 44.318
Yxy	20.2011, 0.4673, 0.3661
Android (android.graphics.Color)	4290274891 (0xFFB8664B)
YUV	123.4400, -23.8809, 53.1111
Hunter-Lab	44.9456, 23.7633, 19.3303

Details

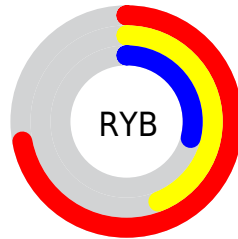
The XYZ color **25.7885, 20.2011, 9.1966** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **23.6095, 29.0687, 49.7135**, and the grayscale version is **19.0360, 20.0273, 21.8098**.

A 20% lighter version of the original color is **52.5019, 43.7995, 24.7558**, and **10.2598, 7.1520, 2.0680** is the 20% darker color. If you saturate the color by 10%, you get **23.9989, 17.4882, 5.9296**, and if you desaturate by 10%, it is **27.9884, 23.4432, 13.4991**.

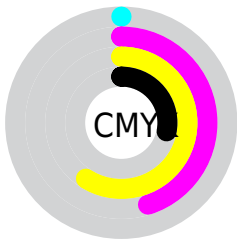
Distribution



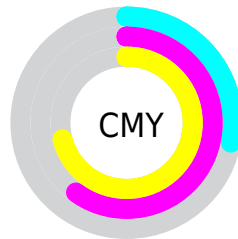
- Red (72%)
- Green (40%)
- Blue (29%)



- Red (72%)
- Yellow (44%)
- Blue (29%)



- Cyan (0%)
- Magenta (45%)
- Yellow (59%)
- Black (28%)





- Cyan (28%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7885, 20.2011, 9.1966 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 25.7885, 20.2011, 9.1966 by changing the saturation by 10% instead.


 25.7885, 20.2011,
9.1966


 25.7885, 20.2011,
9.1966


274.0181,
253.0017, 195.1096


 16.7973, 12.5413,
4.7711


 52.3673, 43.7541,
24.8567


 10.1845, 7.1135,
2.0572


 70.6856, 60.4161,
36.9285

 5.5847, 3.5332,
0.5901

 92.8437, 80.8476,
52.3860

 2.6325, 1.4160,
0.0000

 119.2069,
105.4330, 71.6478

 0.9625, 0.2285,
0.0000

 150.1406,
134.5567, 95.1326

 0.0000, 0.0000,
0.0000

186.0101,

168.6032, 123.2588

227.1808,
207.9567, 156.4449

■ 25.7885, 20.2011,
9.1966

■ 25.7885, 20.2011,
9.1966

■ 23.9989, 17.4882,
5.9296

■ 27.9884, 23.4432,
13.4991

■ 22.5905, 15.2723,
3.6080

■ 30.6218, 27.2382,
18.9147

■ 21.5327, 13.5225,
2.1278

■ 33.7119, 31.6117,
25.5147

■ 20.7769, 12.1978,
1.2996

■ 37.2798, 36.5871,
33.3641

■ 20.7279, 12.1121,
1.2454

■ 41.3452, 42.1864,
42.5232

■ 45.9265, 48.4303,
53.0484

■ 51.0414, 55.3388,
64.9927

■ 56.7066, 62.9308,
78.4063

■ 62.9382, 71.2245,
93.3370

Harmonies

Analogous

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



28.4413, 20.2011, 16.6143



25.7885, 20.2011, 9.1966



21.5380, 20.2011, 6.1076

Triad

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



25.7885, 20.2011, 9.1966



12.2535, 20.2011, 16.1639



21.3321, 20.2011, 54.0966

Complementary

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



25.7885, 20.2011, 9.1966



23.6095, 29.0687, 49.7135

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.



17.0386, 20.2011, 53.8295



25.7885, 20.2011, 9.1966



12.2156, 20.2011, 28.4289

Square

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



25.7885, 20.2011, 9.1966



13.9555, 20.2011, 8.9741



13.8425, 20.2011, 43.1911



25.6183, 20.2011, 43.8234

Rectangle

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



25.7885, 20.2011, 9.1966



18.5810, 20.2011, 5.7655



13.8425, 20.2011, 43.1911



19.8337, 20.2011, 55.3310

Sweetspot

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



25.7890, 20.2022, 9.1970



68.2323, 67.2274, 61.9357



28.5036, 17.7107, 34.5202



14.2809, 13.8986, 12.3985



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.7890, 20.2022, 9.1970



42.6822, 30.4261, 9.3373



32.7473, 34.1187, 11.5164



9.1806, 9.3641, 9.4305



14.3338, 8.4440, 0.8744



0.5557, 0.3984, 0.0476

Inverse Universe

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



23.6095, 29.0687, 49.7135



38.2625, 47.7337, 89.4015



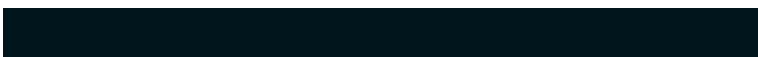
16.5105, 14.8707, 47.3472



9.0731, 9.8235, 11.4974



12.3254, 15.1105, 33.5201



0.4802, 0.6241, 1.1969

Previews

White Background



This preview shows how the XYZ color 25.7885, 20.2011, 9.1966 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7885, 20.2011, 9.1966 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 × Fail

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

XYZ 25.7885, 20.2011, 9.1966

Background



This preview shows how black text looks on a background with the XYZ color 25.7885, 20.2011, 9.1966.



This preview shows how white text looks on a background with the XYZ color 25.7885, 20.2011,

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

25.7885, 20.2011, 9.1966

Protanopia

18.9255, 20.4582, 11.3389

Deuteranopia

20.7154, 20.3369, 8.9645



Tritanopia

27.1672, 20.1944, 15.8306

Trichromacy



Original Color

25.7885, 20.2011, 9.1966

Protanomaly

20.9834, 20.0890, 10.5562

Deuteranomaly

22.4176, 20.1838, 9.0177

Tritanomaly

26.4898, 20.0461, 13.0628

Monochromacy



Original Color

25.7885, 20.2011, 9.1966

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.4093, 19.3218, 16.2895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7885, 20.2011, 9.1966 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(184, 102, 75)` looks like.

```
.text, #text, p{  
    color:rgb(184, 102, 75)  
}
```

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(184, 102, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 102, 75) }
```

Border

The CSS property to change the border of an element to XYZ 25.7885, 20.2011, 9.1966 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(184, 102, 75) }
```


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

```
.border{ border-color:rgb(184, 102, 75) }
```

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

Here you see how a box with a 4 pixel rgb(184, 102, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 102, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 102, 75);  
box-shadow:4px 4px 4px 4px rgb(184, 102,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7885, 20.2011, 9.1966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 102, 75) }
```

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

```
.background{ background-color: rgb(184,  
102, 75) }
```

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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