

Converting Colors

XYZ(25.4707, 21.1820, 6.8427)

Have a look what the booklet for
XYZ(25.4707, 21.1820, 6.8427)
contains.

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Color

**XYZ(25.5495, 21.1981,
6.8827)**

Conversions

Conversions Part 1

Format	Color
Hex	B66D3B
RGB	182, 109, 59
RGB Percent	71%, 43%, 23%
CMY	0.2863, 0.5725, 0.7686
CMYK	0.00, 0.40, 0.68, 0.29
HSL	24°, 51%, 47%
HSV	24°, 68%, 71%
XYZ	25.5495, 21.1981, 6.8827
YIQ	125.1270, 59.5580, -0.0740

Conversions

Conversions Part 2

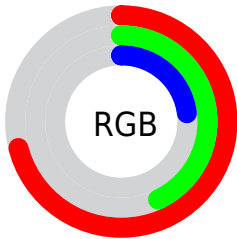
Format	Color
R_{YB}	182, 143, 59
Decimal	11955515
CIE Lab	53.17, 24.56, 39.58
CIE LCh	53, 46.582, 58.179
Yxy	21.1981, 0.4764, 0.3953
Android (android.graphics.Color)	4290145595 (0xFFB66D3B)
YUV	125.1270, -32.6006, 49.8776
Hunter-Lab	46.0414, 18.4816, 23.3658

Details

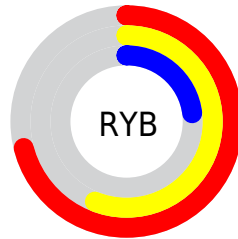
The XYZ color **25.5495, 21.1981, 6.8827** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18.4979, 20.8087, 47.2974**, and the grayscale version is **19.6286, 20.6509, 22.4888**.

A 20% lighter version of the original color is **52.0696, 45.4497, 20.2157**, and **9.9884, 7.5410, 1.2457** is the 20% darker color. If you saturate the color by 10%, you get **24.0749, 18.8774, 4.4545**, and if you desaturate by 10%, it is **27.3312, 23.8701, 10.2254**.

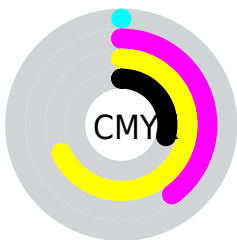
Distribution



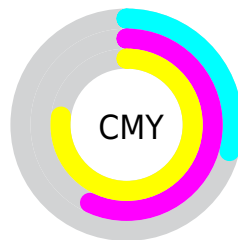
- Red (71%)
- Green (43%)
- Blue (23%)



- Red (71%)
- Yellow (56%)
- Blue (23%)



- Cyan (0%)
- Magenta (40%)
- Yellow (68%)
- Black (29%)





- Cyan (29%)
- Magenta (57%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5495, 21.1981, 6.8827 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 25.5495, 21.1981, 6.8827 by changing the saturation by 10% instead.


 25.5495, 21.1981,
6.8827


 25.5495, 21.1981,
6.8827

272.8610,
258.3294, 176.2792


 16.6178, 13.2689,
3.3115


 51.9838, 45.4170,
20.2457

 10.0560, 7.6140,
1.2558


 70.2171, 62.4755,
30.8746

 5.4987, 3.8489,
0.0252

 92.2817, 83.3458,
44.6931

 2.5804, 1.5894,
0.0000

 118.5429,
108.4124, 62.1198

 0.9360, 0.3505,
0.0000

 149.3661,
138.0597, 83.5732

 0.0000, 0.0000,
0.0000

 185.1166,

172.6720, 109.4719

226.1598,
212.6338, 140.2344

■ 25.5495, 21.1981,
6.8827

■ 25.5495, 21.1981,
6.8827

■ 24.0749, 18.8774,
4.4545

■ 27.3312, 23.8701,
10.2254

■ 22.8830, 16.8872,
2.8433

■ 29.4388, 26.9058,
14.5641

■ 21.9416, 15.2069,
1.9052

■ 31.8911, 30.3212,
19.9726

■ 21.7395, 14.8413,
1.7189

■ 34.7048, 34.1299,
26.5172

■ 37.8955, 38.3450,
34.2588

■ 41.4776, 42.9788,
43.2538

■ 45.4649, 48.0431,
53.5554

■ 49.8705, 53.5491,
65.2131

■ 54.7067, 59.5077,
78.2744

Harmonies

Analogous

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



29.6725, 21.1981, 12.5196



25.5495, 21.1981, 6.8827



20.4498, 21.1981, 5.2280

Triad

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



25.5495, 21.1981, 6.8827



12.1060, 21.1981, 22.2320



24.9452, 21.1981, 56.0754

Complementary

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



25.5495, 21.1981, 6.8827



18.4979, 20.8087, 47.2974

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.



19.8495, 21.1981, 62.0442



25.5495, 21.1981, 6.8827



12.9171, 21.1981, 38.3547

Square

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



25.5495, 21.1981, 6.8827



13.1415, 21.1981, 11.5551



15.5674, 21.1981, 54.5360



29.2856, 21.1981, 40.4820

Rectangle

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



25.5495, 21.1981, 6.8827



17.3430, 21.1981, 5.7404



15.5674, 21.1981, 54.5360



23.2406, 21.1981, 59.4964

Sweetspot

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



25.5500, 21.1992, 6.8831



67.0398, 67.3378, 58.0190



25.0753, 14.7611, 23.6457



14.4453, 14.3959, 11.9343



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.



25.5500, 21.1992, 6.8831



42.5517, 32.4237, 6.5042



34.3994, 38.8979, 9.8329



9.2963, 9.5956, 9.4691



15.4140, 10.6044, 1.2345



0.6046, 0.4963, 0.0639

Inverse Universe

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



18.4979, 20.8087, 47.2974



28.8008, 31.4984, 84.7976



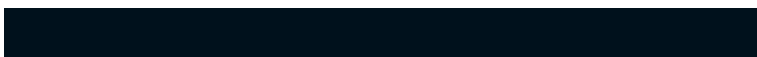
12.5196, 8.8521, 45.3046



8.9522, 9.5816, 11.4570



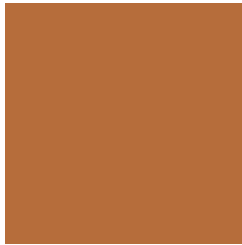
9.8170, 10.0937, 32.6839



0.4052, 0.4741, 1.1719

Previews

White Background



This preview shows how the XYZ color 25.5495, 21.1981, 6.8827 looks on a white background.

Color Contrast Check

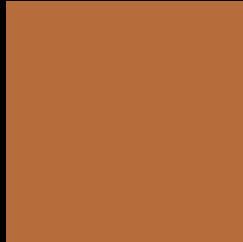
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5495, 21.1981, 6.8827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

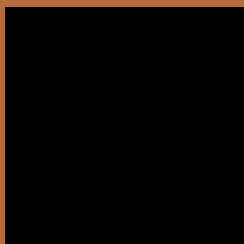
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5495, 21.1981, 6.8827

Background



This preview shows how black text looks on a background with the XYZ color 25.5495, 21.1981, 6.8827.



This preview shows how white text looks on a background with the XYZ color 25.5495, 21.1981,

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

25.5495, 21.1981, 6.8827

Protanopia

19.6578, 21.4827, 8.1115

Deuteranopia

21.6517, 21.2294, 6.6979



Tritanopia

27.7271, 21.1625, 17.6623

Trichromacy



Original Color

25.5495, 21.1981, 6.8827

Protanomaly

21.4449, 21.1015, 7.6454

Deuteranomaly

23.0362, 21.2335, 6.7552

Tritanomaly

26.7505, 21.0662, 12.7815

Monochromacy



Original Color

25.5495, 21.1981, 6.8827

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.7998, 20.2442, 15.1232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5495, 21.1981, 6.8827 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(182, 109, 59)` looks like.

```
.text, #text, p{  
    color:rgb(182, 109, 59)  
}
```

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(182, 109, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 109, 59) }
```

Border

The CSS property to change the border of an element to XYZ 25.5495, 21.1981, 6.8827 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(182, 109, 59) }
```


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

```
.border{ border-color:rgb(182, 109, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 109, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 109, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 109, 59);  
box-shadow:4px 4px 4px 4px rgb(182, 109,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5495, 21.1981, 6.8827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 109, 59) }
```

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

```
.background{ background-color: rgb(182,  
109, 59) }
```

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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