

Converting Colors

XYZ(25.5697, 21.1457, 13.4064)

Have a look what the booklet for
XYZ(25.5697, 21.1457, 13.4064)
contains.

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Color

**XYZ(25.5008, 21.1901,
13.3357)**

Conversions

Conversions Part 1

Format	Color
Hex	B06E5E
RGB	176, 110, 94
RGB Percent	69%, 43%, 37%
CMY	0.3098, 0.5686, 0.6314
CMYK	0.00, 0.37, 0.47, 0.31
HSL	12°, 34%, 53%
HSV	12°, 47%, 69%
XYZ	25.5008, 21.1901, 13.3357
YIQ	127.9100, 44.4720, 9.0160

Conversions

Conversions Part 2

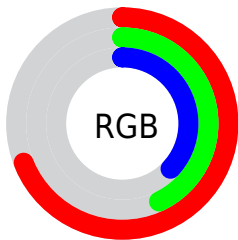
Format	Color
RYB	176, 114, 94
Decimal	11562590
CIELab	53.16, 24.39, 19.91
CIELCh	53, 31.490, 39.225
Yxy	21.1901, 0.4248, 0.3530
Android (android.graphics.Color)	4289752670 (0xFFB06E5E)
YUV	127.9100, -16.7176, 42.1749
Hunter-Lab	46.0327, 18.3267, 15.0465

Details

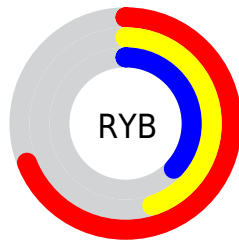
The XYZ color **25.5008, 21.1901, 13.3357** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.0227, 30.6545, 45.6723**, and the grayscale version is **20.5324, 21.6017, 23.5242**.

A 20% lighter version of the original color is **51.8861, 45.3467, 32.4037**, and **10.0874, 7.6158, 3.7346** is the 20% darker color. If you saturate the color by 10%, you get **23.3912, 18.0940, 9.1704**, and if you desaturate by 10%, it is **28.0359, 24.8490, 18.5316**.

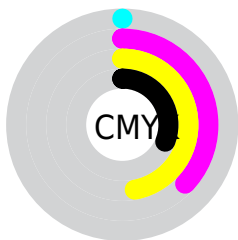
Distribution



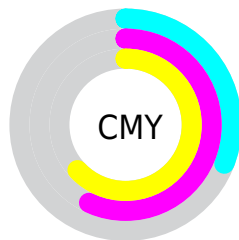
- Red (69%)
- Green (43%)
- Blue (37%)



- Red (69%)
- Yellow (45%)
- Blue (37%)



- Cyan (0%)
- Magenta (37%)
- Yellow (47%)
- Black (31%)




- Cyan (31%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5008, 21.1901, 13.3357 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 25.5008, 21.1901, 13.3357 by changing the saturation by 10% instead.


 25.5008, 21.1901,
13.3357


 25.5008, 21.1901,
13.3357


272.6247,
258.2870, 224.3409


 16.5813, 13.2630,
7.5267


 51.9056, 45.4037,
32.6056


 10.0299, 7.6099,
3.7102


 70.1215, 62.4590,
46.9035

 5.4812, 3.8464,
1.4677

 92.1670, 83.3259,
64.8681

 2.5699, 1.5880,
0.1937

 118.4074,
108.3887, 86.9180

 0.9306, 0.3495,
0.0000

149.2080,
138.0318, 113.4717

 0.0000, 0.0000,
0.0000

184.9342,

172.6396, 144.9477

225.9513,
212.5966, 181.7646

■ 25.5008, 21.1901,
13.3357

■ 25.5008, 21.1901,
13.3357

■ 23.3912, 18.0940,
9.1704

■ 28.0359, 24.8490,
18.5316

■ 21.6816, 15.5295,
5.9654

■ 31.0169, 29.0936,
24.8198

■ 20.3458, 13.4668,
3.6433


■ 34.4648, 33.9494,
32.2583


■ 19.3541, 11.8722,
2.1140


■ 38.3989, 39.4396,
40.9008


■ 18.6688, 10.7061,
1.2549


■ 42.8373, 45.5860,
50.7976

 18.4866, 10.3943,
1.0319

 47.7971, 52.4093,
61.9961

 53.2946, 59.9295,
74.5412

 59.3455, 68.1656,
88.4758

 65.9648, 77.1359,
103.8408

Harmonies

Analogous

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



27.1206, 21.1901, 20.2641



25.5008, 21.1901, 13.3357



22.4904, 21.1901, 9.8538

Triad

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



25.5008, 21.1901, 13.3357



14.7427, 21.1901, 17.1770



21.1813, 21.1901, 46.2283

Complementary

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



25.5008, 21.1901, 13.3357



25.0227, 30.6545, 45.6723

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.



17.9604, 21.1901, 44.7317



25.5008, 21.1901, 13.3357



14.4744, 21.1901, 26.1289

Square

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



25.5008, 21.1901, 13.3357



16.3678, 21.1901, 11.6111



15.5896, 21.1901, 36.6703



24.4526, 21.1901, 40.3280

Rectangle

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



25.5008, 21.1901, 13.3357



20.2270, 21.1901, 9.1960



15.5896, 21.1901, 36.6703



20.0544, 21.1901, 46.6025

Sweetspot

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



25.5013, 21.1912, 13.3361



64.1010, 63.8038, 61.9828



28.3373, 19.8077, 36.0325



13.5806, 13.3917, 12.7534



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.5013, 21.1912, 13.3361



42.2899, 32.6176, 16.3737



30.8366, 31.8616, 15.1145



8.6262, 8.7649, 8.8897



13.5976, 7.6939, 0.7684



0.4674, 0.3211, 0.0374

Inverse Universe

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



25.0227, 30.6545, 45.6723



41.2694, 51.8346, 82.3253



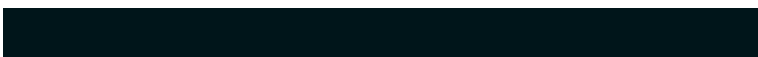
19.1652, 18.9394, 43.7198



8.5989, 9.3441, 10.8567



12.8499, 16.5002, 32.6446



0.4404, 0.5913, 1.0392

Previews

White Background



This preview shows how the XYZ color 25.5008, 21.1901, 13.3357 looks on a white background.

Color Contrast Check

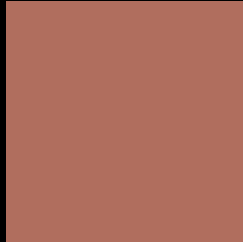
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5008, 21.1901, 13.3357 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 25.5008, 21.1901, 13.3357

Background



This preview shows how black text looks on a background with the XYZ color 25.5008, 21.1901, 13.3357.



This preview shows how white text looks on a background with the XYZ color 25.5008, 21.1901,

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

25.5008, 21.1901, 13.3357

Protanopia

19.9793, 21.2889, 15.6265

Deuteranopia

21.6538, 21.2711, 13.0897



Tritanopia

26.7123, 21.2182, 18.9073

Trichromacy



Original Color

25.5008, 21.1901, 13.3357

Protanomaly

21.6672, 21.0596, 14.7273

Deuteranomaly

22.9514, 21.2208, 13.2423

Tritanomaly

26.1479, 21.1338, 16.6110

Monochromacy



Original Color

25.5008, 21.1901, 13.3357

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.6668, 20.9554, 19.4258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5008, 21.1901, 13.3357 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(176, 110, 94)` looks like.

```
.text, #text, p{  
    color:rgb(176, 110, 94)  
}
```

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(176, 110, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 110, 94) }
```

Border

The CSS property to change the border of an element to XYZ 25.5008, 21.1901, 13.3357 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(176, 110, 94) }
```


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

```
.border{ border-color:rgb(176, 110, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 110, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 110, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 110, 94);  
box-shadow:4px 4px 4px 4px rgb(176, 110,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5008, 21.1901, 13.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 110, 94) }
```

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

```
.background{ background-color: rgb(176,  
110, 94) }
```

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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