

Converting Colors

XYZ(25.1506, 20.3573, 13.4185)

Have a look what the booklet for
XYZ(25.1506, 20.3573, 13.4185)
contains.

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Color

**XYZ(25.1241, 20.3644,
13.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	B06A5F
RGB	176, 106, 95
RGB Percent	69%, 42%, 37%
CMY	0.3098, 0.5843, 0.6274
CMYK	0.00, 0.40, 0.46, 0.31
HSL	8°, 34%, 53%
HSV	8°, 46%, 69%
XYZ	25.1241, 20.3644, 13.4330
YIQ	125.6760, 45.2510, 11.4190

Conversions

Conversions Part 2

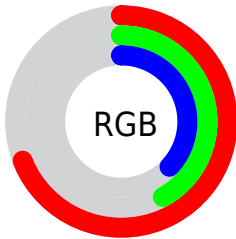
Format	Color
R_{YB}	176, 108, 95
Decimal	11561567
CIE _{Lab}	52.25, 26.72, 18.10
CIE _{LCh}	52, 32.276, 34.117
Yxy	20.3644, 0.4264, 0.3456
Android (android.graphics.Color)	4289751647 (0xFFB06A5F)
YUV	125.6760, -15.1233, 44.1341
Hunter-Lab	45.1269, 20.4065, 13.9399

Details

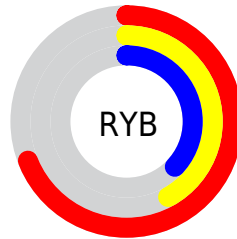
The XYZ color **25.1241, 20.3644, 13.4330** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.0102, 32.4763, 45.9719**, and the grayscale version is **19.7606, 20.7897, 22.6400**.

A 20% lighter version of the original color is **51.2694, 43.9905, 32.5769**, and **9.7632, 7.1411, 3.7695** is the 20% darker color. If you saturate the color by 10%, you get **22.9819, 17.2189, 9.2079**, and if you desaturate by 10%, it is **27.7261, 24.1402, 18.7034**.

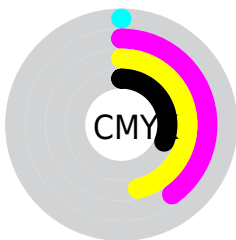
Distribution



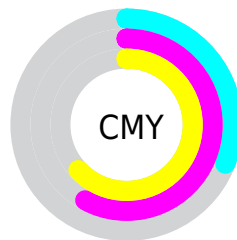
- Red (69%)
- Green (42%)
- Blue (37%)



- Red (69%)
- Yellow (42%)
- Blue (37%)



- Cyan (0%)
- Magenta (40%)
- Yellow (46%)
- Black (31%)





- Cyan (31%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1241, 20.3644, 13.4330 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 25.1241, 20.3644, 13.4330 by changing the saturation by 10% instead.


 25.1241, 20.3644,
13.4330


 25.1241, 20.3644,
13.4330


270.7917,
253.8810, 224.9788


 16.2988, 12.6602,
7.5932


 51.2999, 44.0273,
32.7820


 9.8280, 7.1950,
3.7517


 69.3811, 60.7548,
47.1283

 5.3465, 3.5843,
1.4902

 91.2783, 81.2588,
65.1472

 2.4888, 1.4439,
0.2106

 117.3569,
105.9238, 87.2571

 0.8896, 0.2487,
0.0000

147.9821,
135.1341, 113.8767

 0.0000, 0.0000,
0.0000

183.5194,

169.2742, 145.4245

224.3341,
208.7283, 182.3190

■ 25.1241, 20.3644,
13.4330

■ 25.1241, 20.3644,
13.4330

■ 22.9819, 17.2189,
9.2079

■ 27.7261, 24.1402,
18.7034

■ 21.2709, 14.6664,
5.9572

■ 30.8111, 28.5749,
25.0814

■ 19.9617, 12.6702,
3.6029


■ 34.4026, 33.6990,
32.6257


■ 19.0205, 11.1883,
2.0544


■ 38.5221, 39.5404,
41.3906


■ 18.4061, 10.1720,
1.1943


■ 43.1899, 46.1253,
51.4269

 18.2293, 9.8797,
0.9462

 48.4252, 53.4785,
62.7825

 54.2462, 61.6237,
75.5030

 60.6704, 70.5837,
89.6316

 67.7144, 80.3802,
105.2096

Harmonies

Analogous

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



26.4313, 20.3644, 20.8891



25.1241, 20.3644, 13.4330



22.2724, 20.3644, 9.4752

Triad

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



25.1241, 20.3644, 13.4330



14.1709, 20.3644, 15.1237



19.8167, 20.3644, 45.8063

Complementary

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



25.1241, 20.3644, 13.4330



26.0102, 32.4763, 45.9719

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.



16.7056, 20.3644, 42.9741



25.1241, 20.3644, 13.4330



13.6711, 20.3644, 23.5092

Square

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



25.1241, 20.3644, 13.4330



15.9977, 20.3644, 10.2379



14.5457, 20.3644, 34.0628



23.1536, 20.3644, 40.9700

Rectangle

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



25.1241, 20.3644, 13.4330



20.0162, 20.3644, 8.5249



14.5457, 20.3644, 34.0628



18.7100, 20.3644, 45.7268

Sweetspot

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



25.1246, 20.3654, 13.4334



63.6518, 62.9054, 61.8330



28.8065, 20.1386, 38.0617



13.4716, 13.1738, 12.7171



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.



25.1246, 20.3654, 13.4334



41.7024, 31.2602, 16.7403



30.2953, 30.7068, 15.1569



8.5864, 8.6853, 8.8764



13.4011, 7.3008, 0.7029



0.4509, 0.2883, 0.0319

Inverse Universe

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



26.0102, 32.4763, 45.9719



43.4694, 55.8480, 82.9840



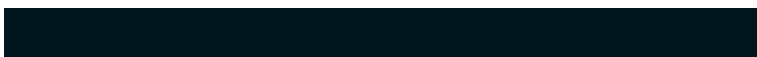
19.8516, 20.1590, 43.9190



8.6423, 9.4307, 10.8711



14.0301, 18.8606, 33.0380



0.4685, 0.6475, 1.0485

Previews

White Background



This preview shows how the XYZ color 25.1241, 20.3644, 13.4330 looks on a white background.

Color Contrast Check

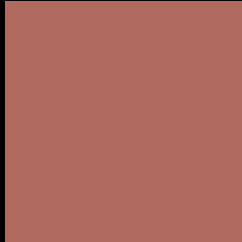
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1241, 20.3644, 13.4330 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 25.1241, 20.3644, 13.4330

Background



This preview shows how black text looks on a background with the XYZ color 25.1241, 20.3644, 13.4330.



This preview shows how white text looks on a background with the XYZ color 25.1241, 20.3644,

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

25.1241, 20.3644, 13.4330

Protanopia

19.3480, 20.5722, 16.0478

Deuteranopia

20.8610, 20.5015, 12.9829



Tritanopia

25.9510, 20.3954, 17.6079

Trichromacy



Original Color

25.1241, 20.3644, 13.4330

Protanomaly

21.0401, 20.1924, 15.1005

Deuteranomaly

22.2071, 20.3209, 13.1078

Tritanomaly

25.7328, 20.4702, 15.9595

Monochromacy



Original Color

25.1241, 20.3644, 13.4330

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.1929, 20.3607, 19.0327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1241, 20.3644, 13.4330 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, 106, 95)` looks like.

```
.text, #text, p{  
    color:rgb(176, 106, 95)  
}
```

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, 106, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 106, 95) }
```

Border

The CSS property to change the border of an element to XYZ 25.1241, 20.3644, 13.4330 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, 106, 95) }
```


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

```
.border{ border-color:rgb(176, 106, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 106, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 106, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 106, 95);  
box-shadow:4px 4px 4px 4px rgb(176, 106,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1241, 20.3644, 13.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 106, 95) }
```

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

```
.background{ background-color: rgb(176,  
106, 95) }
```

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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