

Converting Colors

XYZ(25.1956, 20.4706, 24.1619)

Have a look what the booklet for
XYZ(25.1956, 20.4706, 24.1619)
contains.

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Color

**XYZ(25.1852, 20.4708,
24.0966)**

Conversions

Conversions Part 1

Format	Color
Hex	A66C83
RGB	166, 108, 131
RGB Percent	65%, 42%, 51%
CMY	0.3490, 0.5765, 0.4863
CMYK	0.00, 0.35, 0.21, 0.35
HSL	336°, 25%, 54%
HSV	336°, 35%, 65%
XYZ	25.1852, 20.4708, 24.0966
YIQ	127.9640, 27.1850, 19.4490

Conversions

Conversions Part 2

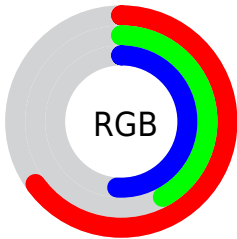
Format	Color
R_{YB}	166, 108, 131
Decimal	10906755
CIE _{Lab}	52.37, 26.47, -3.10
CIE _{LCh}	52, 26.651, 353.313
Yxy	20.4708, 0.3611, 0.2935
Android (android.graphics.Color)	4289096835 (0xFFA66C83)
YUV	127.9640, 1.4967, 33.3576
Hunter-Lab	45.2447, 20.1829, 0.0943

Details

The XYZ color **25.1852, 20.4708, 24.0966** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.7794, 32.4443, 30.9445**, and the grayscale version is **20.4942, 21.5615, 23.4805**.

A 20% lighter version of the original color is **51.3467, 44.1319, 51.1594**, and **9.8970, 7.2478, 8.8600** is the 20% darker color. If you saturate the color by 10%, you get **22.9519, 17.0386, 20.1628**, and if you desaturate by 10%, it is **27.8187, 24.5979, 28.4882**.

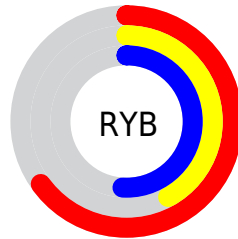
Distribution



Red (65%)

Green (42%)

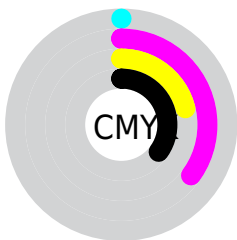
Blue (51%)



Red (65%)

Yellow (42%)

Blue (51%)

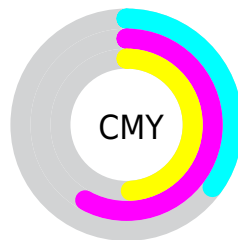


Cyan (0%)

Magenta (35%)

Yellow (21%)

Black (35%)



Cyan (35%)


Magenta (58%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1852, 20.4708, 24.0966 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 25.1852, 20.4708, 24.0966 by changing the saturation by 10% instead.

 25.1852, 20.4708,
24.0966


 25.1852, 20.4708,
24.0966


271.0897,
254.4526, 286.6108


 16.3446, 12.7377,
15.1924

 51.3982, 44.2051,
51.1336


 9.8607, 7.2482,
8.8064


 69.5014, 60.9752,
70.1035

 5.3682, 3.6178,
4.5201

 91.4227, 81.5263,
93.2657

 2.5019, 1.4622,
1.9148

 117.5275,
106.2430, 121.0389

 0.8962, 0.2619,
0.5021

148.1813,
135.5095, 153.8414

 0.0000, 0.0000,
0.0000

183.7493,

169.7104, 192.0918

224.5970,
209.2299, 236.2088

■ 25.1852, 20.4708,
24.0966

■ 25.1852, 20.4708,
24.0966

■ 22.9519, 17.0386,
20.1628

■ 27.8187, 24.5979,
28.4882

■ 21.0961, 14.2596,
16.6693

■ 30.8699, 29.4526,
33.3516

■ 19.5957, 12.0923,
13.5996


■ 34.3573, 35.0692,
38.7015


■ 18.4253, 10.4891,
10.9351


■ 38.2978, 41.4787,
44.5518


■ 17.5556, 9.3952,
8.6554


■ 42.7075, 48.7105,
50.9156


 16.9511, 8.7431,
6.7375

 47.6014, 56.7925,
57.8056

 16.7041, 8.4983,
5.8868

 52.9940, 65.7513,
65.2340

 58.8993, 75.6123,
73.2126

 64.5586, 84.8561,
81.4956

Harmonies

Analogous

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



24.0047, 20.4708, 32.5972



25.1852, 20.4708, 24.0966



24.7189, 20.4708, 16.8253

Triad

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



25.1852, 20.4708, 24.0966



17.4415, 20.4708, 11.0880



16.4702, 20.4708, 36.7445

Complementary

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



25.1852, 20.4708, 24.0966



24.7794, 32.4443, 30.9445

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.



15.0003, 20.4708, 28.8240



25.1852, 20.4708, 24.0966



15.5231, 20.4708, 14.4216

Square

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



25.1852, 20.4708, 24.0966



20.0781, 20.4708, 10.3927



14.6705, 20.4708, 20.5746



18.8486, 20.4708, 40.9300

Rectangle

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



25.1852, 20.4708, 24.0966



23.5564, 20.4708, 13.4433



14.6705, 20.4708, 20.5746



15.8629, 20.4708, 34.3524

Sweetspot

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



25.1858, 20.4718, 24.0970



58.9324, 58.1211, 65.0316



23.5394, 19.3012, 38.5615



12.9987, 12.7019, 14.2616



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.1858, 20.4718, 24.0970



42.4704, 32.1643, 38.0648



24.4282, 21.1803, 16.9892



7.6497, 7.5897, 8.4726



12.9749, 6.5987, 4.6794



0.3410, 0.1707, 0.2473

Inverse Universe

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



25.1858, 20.4718, 24.0970



42.4704, 32.1643, 38.0648



25.6735, 31.1529, 40.7366



7.6497, 7.5897, 8.4726



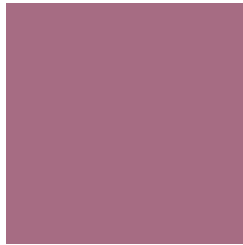
12.9749, 6.5987, 4.6794



0.3410, 0.1707, 0.2473

Previews

White Background



This preview shows how the XYZ color 25.1852, 20.4708, 24.0966 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 25.1852, 20.4708, 24.0966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

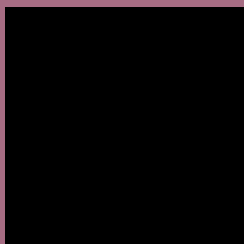
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1852, 20.4708, 24.0966

Background



This preview shows how black text looks on a background with the XYZ color 25.1852, 20.4708, 24.0966.



This preview shows how white text looks on a background with the XYZ color 25.1852, 20.4708,

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

25.1852, 20.4708, 24.0966

Protanopia

20.1837, 20.5493, 28.1019

Deuteranopia

20.9532, 20.4940, 23.6203



Tritanopia

24.4228, 20.4831, 20.1192

Trichromacy



Original Color

25.1852, 20.4708, 24.0966

Protanomaly

21.6413, 20.2520, 26.4353

Deuteranomaly

22.3073, 20.3055, 23.8627

Tritanomaly

24.5608, 20.3667, 21.3756

Monochromacy



Original Color

25.1852, 20.4708, 24.0966

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.9551, 21.0105, 23.6672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1852, 20.4708, 24.0966 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(166, 108, 131)` looks like.

```
.text, #text, p{  
    color:rgb(166, 108, 131)  
}
```

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(166, 108, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 108, 131) }
```

Border

The CSS property to change the border of an element to XYZ 25.1852, 20.4708, 24.0966 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(166, 108, 131) }
```


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

```
.border{ border-color:rgb(166, 108, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 108, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 108, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 108, 131);  
box-shadow:4px 4px 4px 4px rgb(166, 108,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1852, 20.4708, 24.0966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 108, 131) }
```

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

```
.background{ background-color: rgb(166,  
108, 131) }
```

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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