

Converting Colors

XYZ(25.2723, 21.6763, 18.8914)

Have a look what the booklet for
XYZ(25.2723, 21.6763, 18.8914)
contains.

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Color

**XYZ(25.2030, 21.5744,
18.7555)**

Conversions

Conversions Part 1

Format	Color
Hex	A87272
RGB	168, 114, 114
RGB Percent	66%, 45%, 45%
CMY	0.3412, 0.5529, 0.5529
CMYK	0.00, 0.32, 0.32, 0.34
HSL	0°, 24%, 55%
HSV	0°, 32%, 66%
XYZ	25.2030, 21.5744, 18.7555
YIQ	130.1460, 32.1840, 11.4480

Conversions

Conversions Part 2

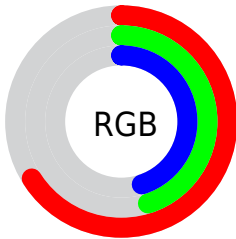
Format	Color
R _Y B	168, 114, 114
Decimal	11039346
CIE Lab	53.57, 21.34, 8.67
CIE LCh	54, 23.037, 22.113
Yxy	21.5744, 0.3846, 0.3292
Android (android.graphics.Color)	4289229426 (0xFFA87272)
YUV	130.1460, -7.9600, 33.1980
Hunter-Lab	46.4483, 15.5703, 8.5729

Details

The XYZ color **25.2030, 21.5744, 18.7555** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.0093, 34.4084, 42.2110**, and the grayscale version is **21.2896, 22.3983, 24.3918**.

A 20% lighter version of the original color is **51.2596, 45.8729, 42.2291**, and **9.8131, 7.7513, 6.1332** is the 20% darker color. If you saturate the color by 10%, you get **22.6092, 17.7791, 13.5985**, and if you desaturate by 10%, it is **28.3216, 26.1380, 24.9544**.

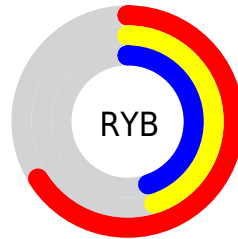
Distribution



Red (66%)

Green (45%)

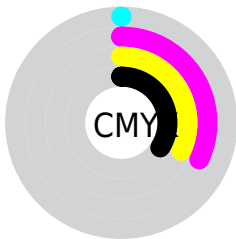
Blue (45%)



Red (66%)

Yellow (45%)

Blue (45%)

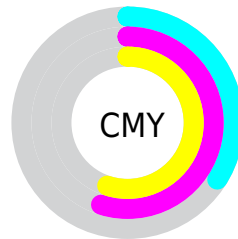


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (34%)



Cyan (34%)


Magenta (55%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2030, 21.5744, 18.7555 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 25.2030, 21.5744, 18.7555 by changing the saturation by 10% instead.

 25.2030, 21.5744,
18.7555


 25.2030, 21.5744,
18.7555


271.1764,
260.3156, 257.4732


 16.3579, 13.5445,
11.3187

 51.4269, 46.0416,
42.1517


 9.8702, 7.8046,
6.1648


 69.5364, 63.2476,
58.9482

 5.3746, 3.9701,
2.8751

 91.4647, 84.2812,
79.7018

 2.5057, 1.6569,
1.0312

 117.5772,
109.5267, 104.8308

 0.8981, 0.3955,
0.0000

148.2393,
139.3685, 134.7540

 0.0000, 0.0000,
0.0000

183.8163,

174.1909, 169.8897

224.6735,
214.3785, 210.6566

■ 25.2030, 21.5744,
18.7555

■ 25.2030, 21.5744,
18.7555

■ 22.6092, 17.7791,
13.5985

■ 28.3216, 26.1380,
24.9544

■ 20.5098, 14.7071,
9.4251

■ 31.9898, 31.5056,
32.2467

■ 18.8739, 12.3132,
6.1731


■ 36.2329, 37.7143,
40.6819


■ 17.6664, 10.5463,
3.7728

■ 41.0741, 44.7983,
50.3062


■ 16.8473, 9.3477,
2.1447


■ 46.5353, 52.7896,
61.1633


 16.3690, 8.6477,
1.1940

 52.6374, 61.7186,
73.2944

 16.1486, 8.3251,
0.7558

 59.4003, 71.6144,
86.7391

 66.8429, 82.5049,
101.5353

 69.9584, 87.0648,
107.7257

Harmonies

Analogous

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



25.5522, 21.5744, 25.3974



25.2030, 21.5744, 18.7555



23.5470, 21.5744, 14.3464

Triad

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



25.2030, 21.5744, 18.7555



16.9977, 21.5744, 16.1210



19.8642, 21.5744, 39.6093

Complementary

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



25.2030, 21.5744, 18.7555



28.0093, 34.4084, 42.2110

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.



17.7384, 21.5744, 35.8733



25.2030, 21.5744, 18.7555



16.1719, 21.5744, 21.6822

Square

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



25.2030, 21.5744, 18.7555



18.7778, 21.5744, 13.0507



16.4318, 21.5744, 28.9629



22.3367, 21.5744, 38.3930

Rectangle

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



25.2030, 21.5744, 18.7555



21.9918, 21.5744, 12.8214



16.4318, 21.5744, 28.9629



19.0883, 21.5744, 38.8685

Sweetspot

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



25.2036, 21.5754, 18.7559



59.4750, 59.2563, 61.3488



29.2337, 23.1868, 39.9804



12.7490, 12.6022, 12.9460



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.



25.2036, 21.5754, 18.7559



42.0856, 33.8108, 26.7793



28.7107, 28.5896, 19.9250



7.5312, 7.5424, 7.8482



12.1948, 6.2868, 0.5707



0.2967, 0.1530, 0.0139

Inverse Universe

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



28.0093, 34.4084, 42.2110



48.0293, 60.9965, 76.4672



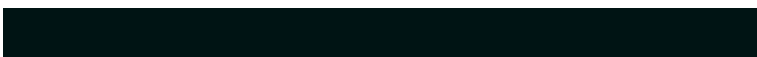
23.5323, 25.4545, 40.7186



7.7475, 8.5320, 9.6568



15.9099, 23.2800, 31.6304



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 25.2030, 21.5744, 18.7555 looks on a white background.

Color Contrast Check

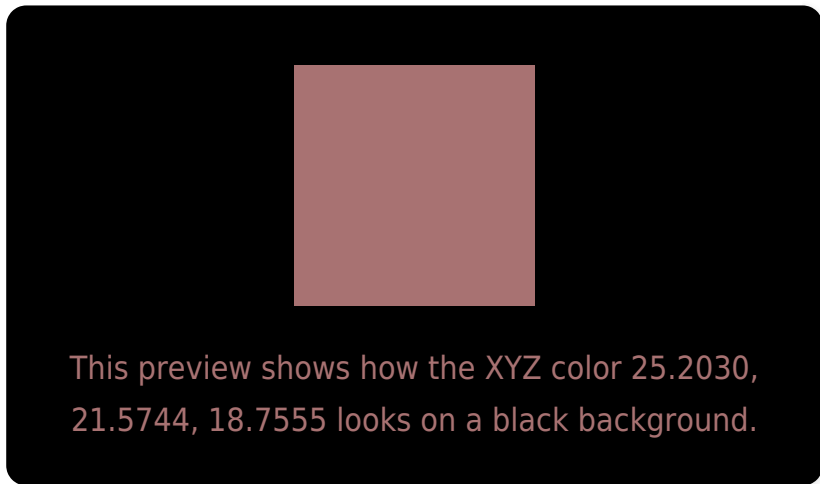
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 25.2030, 21.5744, 18.7555

Background



This preview shows how black text looks on a background with the XYZ color 25.2030, 21.5744, 18.7555.



This preview shows how white text looks on a background with the XYZ color 25.2030, 21.5744,

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

25.2030, 21.5744, 18.7555

Protanopia

20.6861, 21.7244, 21.1921

Deuteranopia

22.1649, 21.7882, 18.3666



Tritanopia

25.7185, 21.6257, 20.9078

Trichromacy



Original Color

25.2030, 21.5744, 18.7555

Protanomaly

22.0300, 21.4937, 20.1271

Deuteranomaly

23.2147, 21.5938, 18.5673

Tritanomaly

25.5373, 21.5533, 19.9538

Monochromacy



Original Color

25.2030, 21.5744, 18.7555

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.3473, 21.7998, 22.0987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2030, 21.5744, 18.7555 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(168, 114, 114)` looks like.

```
.text, #text, p{  
    color:rgb(168, 114, 114)  
}
```

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(168, 114, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 114, 114) }
```

Border

The CSS property to change the border of an element to XYZ 25.2030, 21.5744, 18.7555 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(168, 114, 114) }
```


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

```
.border{ border-color:rgb(168, 114, 114) }
```

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

Here you see how a box with a 4 pixel rgb(168, 114, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 114, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 114, 114);  
box-shadow:4px 4px 4px 4px rgb(168, 114,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2030, 21.5744, 18.7555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 114, 114) }
```

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

```
.background{ background-color: rgb(168,  
114, 114) }
```

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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