

Converting Colors

XYZ(25.7466, 23.2264, 20.2657)

Have a look what the booklet for
XYZ(25.7466, 23.2264, 20.2657)
contains.

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Color

**XYZ(25.7466, 23.2264,
20.2657)**

Conversions

Conversions Part 1

Format	Color
Hex	A57A76
RGB	165, 122, 118
RGB Percent	65%, 48%, 46%
CMY	0.3529, 0.5216, 0.5373
CMYK	0.00, 0.26, 0.28, 0.35
HSL	5°, 21%, 55%
HSV	5°, 28%, 65%
XYZ	25.7466, 23.2264, 20.2657
YIQ	134.4010, 26.9120, 7.8720

Conversions

Conversions Part 2

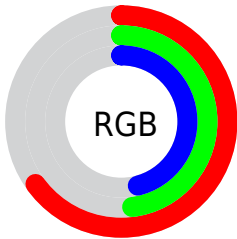
Format	Color
R_{YB}	165, 122, 118
Decimal	10844790
CIE _{Lab}	55.30, 16.17, 8.75
CIE _{LCh}	55, 18.384, 28.417
Yxy	23.2264, 0.3719, 0.3355
Android (android.graphics.Color)	4289034870 (0xFFA57A76)
YUV	134.4010, -8.0857, 26.8353
Hunter-Lab	48.1938, 11.0211, 8.8039

Details

The XYZ color **25.7466, 23.2264, 20.2657** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.0072, 32.0569, 40.3616**, and the grayscale version is **22.8300, 24.0190, 26.1567**.

A 20% lighter version of the original color is **52.4045, 48.9344, 44.7135**, and **10.1701, 8.6520, 6.9283** is the 20% darker color. If you saturate the color by 10%, you get **23.1390, 19.4453, 14.9748**, and if you desaturate by 10%, it is **28.8149, 27.6540, 26.5569**.

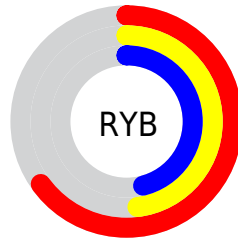
Distribution



Red (65%)

Green (48%)

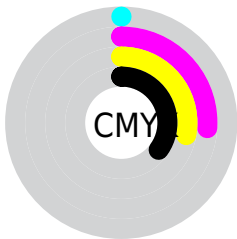
Blue (46%)



Red (65%)

Yellow (48%)

Blue (46%)

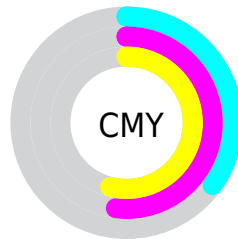


Cyan (0%)

Magenta (26%)

Yellow (28%)

Black (35%)



Cyan (35%)


Magenta (52%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7466, 23.2264, 20.2657 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 25.7466, 23.2264, 20.2657 by changing the saturation by 10% instead.


 25.7466, 23.2264,
20.2657

 25.7466, 23.2264,
20.2657


273.8155,
268.8857, 266.0016


 16.7659, 14.7608,
12.4023


 52.3001, 48.7648,
44.7270

 10.1620, 8.6517,
6.8925


 70.6035, 66.6064,
62.1620

 5.5696, 4.5147,
3.3175


 92.7453, 88.3420,
83.6247

 2.6233, 1.9654,
1.2590

119.0906,
114.3562, 109.5336

 0.9578, 0.5873,
0.0278

150.0050,
145.0333, 140.3071

 0.0000, 0.0000,
0.0000

185.8537,

180.7576, 176.3640

227.0021,
221.9136, 218.1226

■ 25.7466, 23.2264,
20.2657

■ 25.7466, 23.2264,
20.2657

■ 23.1390, 19.4453,
14.9748

■ 28.8149, 27.6540,
26.5569

■ 20.9680, 16.2775,
10.6313

■ 32.3628, 32.7531,
33.8949

■ 19.2102, 13.6916,
7.1796

■ 36.4101, 38.5510,
42.3246

■ 17.8393, 11.6520,
4.5577

■ 40.9754, 45.0729,
51.8883

■ 16.8258, 10.1194,
2.6958

■ 46.0759, 52.3426,
62.6258

■ 16.1361, 9.0493,
1.5124

■ 51.7283, 60.3826,
74.5750

■ 15.7212, 8.3856,
0.8618

■ 57.9485, 69.2147,
87.7722

■ 15.6749, 8.3149,
0.7788

■ 64.7517, 78.8598,
102.2521

■ 69.3271, 86.7394,
107.6962

Harmonies

Analogous

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



26.2774, 23.2264, 25.6043



25.7466, 23.2264, 20.2657



24.2164, 23.2264, 16.8037

Triad

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



25.7466, 23.2264, 20.2657



18.8704, 23.2264, 19.8009



21.9667, 23.2264, 38.4102

Complementary

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



25.7466, 23.2264, 20.2657



27.0072, 32.0569, 40.3616

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.



20.0656, 23.2264, 36.2378



25.7466, 23.2264, 20.2657



18.3481, 23.2264, 24.9775

Square

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



25.7466, 23.2264, 20.2657



20.2440, 23.2264, 16.5662



18.7720, 23.2264, 31.0819



24.0153, 23.2264, 36.6377

Rectangle

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



25.7466, 23.2264, 20.2657



22.8810, 23.2264, 15.7241



18.7720, 23.2264, 31.0819



21.2901, 23.2264, 38.1114

Sweetspot

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



25.7472, 23.2275, 20.2662



57.4989, 57.9977, 59.7477



28.4360, 23.5326, 36.8004



12.3679, 12.3887, 12.6421



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.7472, 23.2275, 20.2662



43.1488, 37.3072, 30.2715



28.9764, 29.6859, 21.3426



7.1200, 7.1785, 7.3904



11.8750, 6.3239, 0.5947



0.2632, 0.1602, 0.0170

Inverse Universe

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



27.0072, 32.0569, 40.3616



45.7661, 55.6708, 72.0857



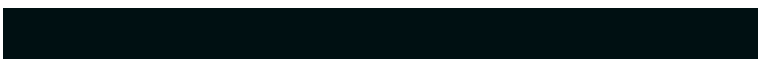
23.2918, 24.6261, 39.1231



7.2243, 7.9076, 9.0486



13.5212, 18.8219, 29.8501



0.2982, 0.4236, 0.6319

Previews

White Background



This preview shows how the XYZ color 25.7466, 23.2264, 20.2657 looks on a white background.

Color Contrast Check

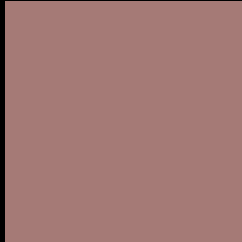
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7466, 23.2264, 20.2657 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 25.7466, 23.2264, 20.2657

Background



This preview shows how black text looks on a background with the XYZ color 25.7466, 23.2264, 20.2657.



This preview shows how white text looks on a background with the XYZ color 25.7466, 23.2264,

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

25.7466, 23.2264, 20.2657

Protanopia

22.1429, 23.2510, 22.0597

Deuteranopia

23.6926, 23.3020, 20.0786



Tritanopia

26.4048, 23.1249, 23.8407

Trichromacy



Original Color

25.7466, 23.2264, 20.2657

Protanomaly

23.2030, 23.0219, 21.3099

Deuteranomaly

24.3820, 23.2740, 20.0369

Tritanomaly

26.2649, 23.2624, 22.5078

Monochromacy



Original Color

25.7466, 23.2264, 20.2657

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.5560, 23.5435, 23.7249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7466, 23.2264, 20.2657 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(165, 122, 118)` looks like.

```
.text, #text, p{  
    color:rgb(165, 122, 118)  
}
```

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(165, 122, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 122, 118) }
```

Border

The CSS property to change the border of an element to XYZ 25.7466, 23.2264, 20.2657 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(165, 122, 118) }
```


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

```
.border{ border-color:rgb(165, 122, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 122, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 122, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 122, 118);  
box-shadow:4px 4px 4px 4px rgb(165, 122,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7466, 23.2264, 20.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 122, 118) }
```

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

```
.background{ background-color: rgb(165,  
122, 118) }
```

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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