

Converting Colors

XYZ(26.0156, 29.7791, 21.0506)

Have a look what the booklet for
XYZ(26.0156, 29.7791, 21.0506)
contains.

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Color

**XYZ(25.8822, 29.6467,
20.8812)**

Conversions

Conversions Part 1

Format	Color
Hex	909874
RGB	144, 152, 116
RGB Percent	56%, 60%, 45%
CMY	0.4353, 0.4039, 0.5451
CMYK	0.05, 0.00, 0.24, 0.40
HSL	73°, 15%, 53%
HSV	73°, 24%, 60%
XYZ	25.8822, 29.6467, 20.8812
YIQ	145.5040, 6.7880, -12.8920

Conversions

Conversions Part 2

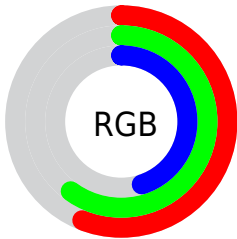
Format	Color
RYB	116, 152, 124
Decimal	9476212
CIELab	61.35, -9.31, 18.02
CIELCh	61, 20.288, 117.327
Yxy	29.6467, 0.3387, 0.3880
Android (android.graphics.Color)	4287666292 (0xFF909874)
YUV	145.5040, -14.5455, -1.3190
Hunter-Lab	54.4488, -10.4355, 15.3763

Details

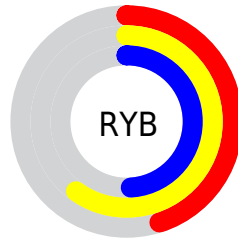
The XYZ color **25.8822, 29.6467, 20.8812** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.2262, 19.0436, 32.3171**, and the grayscale version is **27.1750, 28.5902, 31.1347**.

A 20% lighter version of the original color is **52.4279, 58.9755, 45.6660**, and **10.2113, 12.0519, 7.2569** is the 20% darker color. If you saturate the color by 10%, you get **24.4883, 29.0230, 16.5721**, and if you desaturate by 10%, it is **27.4400, 30.3400, 25.9544**.

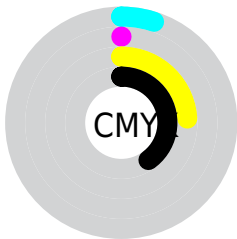
Distribution



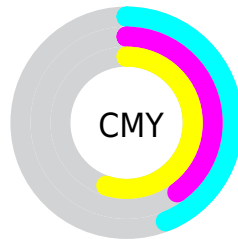
- Red (56%)
- Green (60%)
- Blue (45%)



- Red (45%)
- Yellow (60%)
- Blue (49%)



- Cyan (5%)
- Magenta (0%)
- Yellow (24%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8822, 29.6467, 20.8812 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 25.8822, 29.6467, 20.8812 by changing the saturation by 10% instead.

■ 25.8822, 29.6467,
20.8812

■ 25.8822, 29.6467,
20.8812

274.4706,
300.2542, 269.4067

■ 16.8678, 19.5706,
12.8468

■ 52.5175, 59.1030,
45.7680

■ 10.2350, 12.0833,
7.1936

■ 70.8691, 79.2520,
63.4574

■ 5.6185, 6.8004,
3.5032

■ 93.0637, 103.5274,
85.2022

■ 2.6530, 3.3376,
1.3570

119.4668,
132.3135, 111.4211

■ 0.9730, 1.3104,
0.1078

150.4437,
165.9949, 142.5324

■ 0.0000, 0.1493,
0.0000

186.3597,

■ 0.0000, 0.0000,

204.9559, 178.9547

0.0000

227.5802,
249.5808, 221.1067

■ 25.8822, 29.6467,
20.8812

■ 25.8822, 29.6467,
20.8812

■ 24.4883, 29.0230,
16.5721

■ 27.4400, 30.3400,
25.9544

■ 23.2488, 28.4620,
12.9883

■ 29.1662, 31.1018,
31.8244

■ 22.1567, 27.9621,
10.0902

■ 31.0678, 31.9357,
38.5242

■ 21.2036, 27.5197,
7.8339

■ 33.1507, 32.8443,
46.0843

■ 20.3799, 27.1310,
6.1701

■ 35.4206, 33.8298,
54.5339

■ 19.6748, 26.7917,
5.0427

■ 37.8828, 34.8944,
63.9007

■ 19.0754, 26.4967,
4.3846

■ 40.5427, 36.0402,
74.2110

■ 18.7290, 26.3242,
4.0940

■ 43.4051, 37.2691,
85.4904

■ 46.4748, 38.5832,
97.7632

Harmonies

Analogous

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



28.4189, 29.6467, 19.6870



25.8822, 29.6467, 20.8812



24.0662, 29.6467, 24.9623

Triad

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



25.8822, 29.6467, 20.8812



25.4915, 29.6467, 46.3371



33.6355, 29.6467, 32.9723

Complementary

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



25.8822, 29.6467, 20.8812



20.2262, 19.0436, 32.3171

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.



32.7340, 29.6467, 40.9045



25.8822, 29.6467, 20.8812



27.9390, 29.6467, 49.3461

Square

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



25.8822, 29.6467, 20.8812



23.8509, 29.6467, 39.5265



30.6063, 29.6467, 47.2170



32.9998, 29.6467, 25.9785

Rectangle

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



25.8822, 29.6467, 20.8812



23.4516, 29.6467, 29.1547



30.6063, 29.6467, 47.2170



33.5009, 29.6467, 35.6215

Sweetspot

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



25.8830, 29.6480, 20.8818



50.3927, 54.4166, 52.4322



23.2849, 22.3024, 19.6009



11.4170, 12.3521, 11.7921



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.8830, 29.6480, 20.8818



44.4523, 51.7783, 32.9960



23.0153, 28.1697, 20.7476



6.5745, 7.1536, 6.6401



15.7302, 22.0851, 3.4338



0.2649, 0.3455, 0.0527

Inverse Universe

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



20.2262, 19.0436, 32.3171



32.8327, 29.9913, 56.4921



23.0349, 20.4916, 32.4486



6.0066, 6.0893, 7.7877



5.3225, 2.1949, 25.0508



0.1065, 0.0467, 0.3758

Previews

White Background



This preview shows how the XYZ color 25.8822, 29.6467, 20.8812 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 25.8822, 29.6467, 20.8812 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

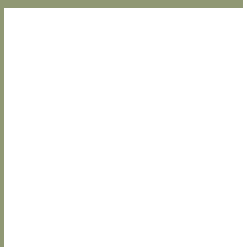
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8822, 29.6467, 20.8812

Background



This preview shows how black text looks on a background with the XYZ color 25.8822, 29.6467, 20.8812.



This preview shows how white text looks on a background with the XYZ color 25.8822, 29.6467,

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

25.8822, 29.6467, 20.8812

Protanopia

27.7277, 29.6638, 20.1839

Deuteranopia

29.9563, 29.4247, 21.2402



Tritanopia

29.0281, 29.5104, 36.5139

Trichromacy



Original Color

25.8822, 29.6467, 20.8812

Protanomaly

26.9788, 29.5050, 20.4928

Deuteranomaly

28.3901, 29.5235, 21.0319

Tritanomaly

27.7606, 29.4589, 30.2096

Monochromacy



Original Color

25.8822, 29.6467, 20.8812

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.6401, 28.9488, 27.1053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8822, 29.6467, 20.8812 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(144, 152, 116)` looks like.

```
.text, #text, p{  
    color:rgb(144, 152, 116)  
}
```

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(144, 152, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 152, 116) }
```

Border

The CSS property to change the border of an element to XYZ 25.8822, 29.6467, 20.8812 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(144, 152, 116) }
```


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

```
.border{ border-color:rgb(144, 152, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 152, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 152, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 152, 116);  
box-shadow:4px 4px 4px 4px rgb(144, 152,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8822, 29.6467, 20.8812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 152, 116) }
```

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

```
.background{ background-color: rgb(144,  
152, 116) }
```

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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