

Converting Colors

XYZ(27.4401, 25.5784, 20.6650)

Have a look what the booklet for
XYZ(27.4401, 25.5784, 20.6650)
contains.

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Color

**XYZ(27.4011, 25.5981,
20.6363)**

Conversions

Conversions Part 1

Format	Color
Hex	A88276
RGB	168, 130, 118
RGB Percent	66%, 51%, 46%
CMY	0.3412, 0.4902, 0.5373
CMYK	0.00, 0.23, 0.30, 0.34
HSL	14°, 22%, 56%
HSV	14°, 30%, 66%
XYZ	27.4011, 25.5981, 20.6363
YIQ	139.9940, 26.5000, 4.3240

Conversions

Conversions Part 2

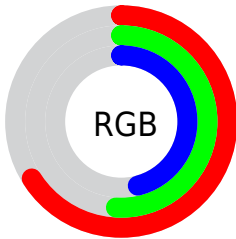
Format	Color
R_{YB}	168, 134, 118
Decimal	11043446
CIE _{Lab}	57.65, 12.83, 12.11
CIE _{LCh}	58, 17.641, 43.335
Yxy	25.5981, 0.3721, 0.3476
Android (android.graphics.Color)	4289233526 (0xFFA88276)
YUV	139.9940, -10.8430, 24.5613
Hunter-Lab	50.5946, 8.1319, 11.2332

Details

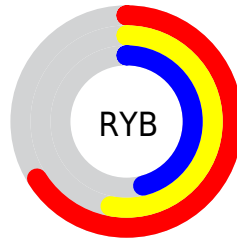
The XYZ color **27.4011, 25.5981, 20.6363** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.4272, 30.4547, 41.5314**, and the grayscale version is **24.9591, 26.2589, 28.5959**.

A 20% lighter version of the original color is **54.9297, 52.6165, 45.2911**, and **11.1182, 9.9719, 7.1331** is the 20% darker color. If you saturate the color by 10%, you get **24.8963, 22.0464, 15.3068**, and if you desaturate by 10%, it is **30.2958, 29.6448, 26.9736**.

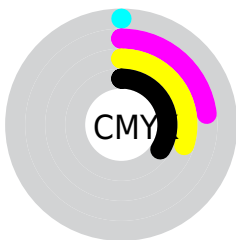
Distribution



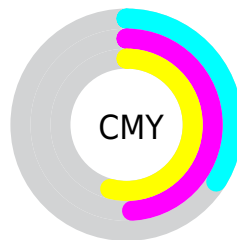
- Red (66%)
- Green (51%)
- Blue (46%)



- Red (66%)
- Yellow (53%)
- Blue (46%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (34%)



- Cyan (34%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4011, 25.5981, 20.6363 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 27.4011, 25.5981, 20.6363 by changing the saturation by 10% instead.


 27.4011, 25.5981,
20.6363


 27.4011, 25.5981,
20.6363


281.7262,
280.8036, 268.0565


 18.0128, 16.5232,
12.6698


 54.9422, 52.6259,
45.3544

 11.0589, 9.8951,
7.0735


 73.8257, 71.3475,
62.9429

 6.1741, 5.3295,
3.4290


 96.6051, 94.0536,
84.5760

 2.9929, 2.4419,
1.3176

123.6456,
121.1285, 110.6720

 1.1500, 0.8473,
0.0762

155.3126,
152.9565, 141.6495

 0.0663, 0.0000,
0.0000

191.9715,

 0.0000, 0.0000,

189.9221, 177.9271

0.0000

233.9876,
232.4096, 219.9232

■ 27.4011, 25.5981,
20.6363

■ 27.4011, 25.5981,
20.6363

■ 24.8963, 22.0464,
15.3068

■ 30.2958, 29.6448,
26.9736

■ 22.7623, 18.9669,
10.9314

■ 33.5945, 34.2010,
34.3656

■ 20.9813, 16.3404,
7.4534

■ 37.3128, 39.2850,
42.8582

■ 19.5331, 14.1450,
4.8098

■ 41.4652, 44.9131,
52.4940

■ 18.3954, 12.3567,
2.9290

■ 46.0652, 51.1010,
63.3135

■ 17.5428, 10.9491,
1.7274

■ 51.1259, 57.8636,
75.3549

■ 16.9311, 9.8866,
1.0274

■ 56.6597, 65.2154,
88.6550

■ 16.9185, 9.8649,
1.0124

■ 62.6787, 73.1703,
103.2490

■ 66.8225, 80.7929,
106.6804

Harmonies

Analogous

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



28.4940, 25.5981, 25.2777



27.4011, 25.5981, 20.6363



25.5120, 25.5981, 18.1594

Triad

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



27.4011, 25.5981, 20.6363



20.6479, 25.5981, 24.6719



25.2778, 25.5981, 40.7711

Complementary

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



27.4011, 25.5981, 20.6363



26.4272, 30.4547, 41.5314

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.



23.1856, 25.5981, 40.5465



27.4011, 25.5981, 20.6363



20.5932, 25.5981, 30.6379

Square

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



27.4011, 25.5981, 20.6363



21.6516, 25.5981, 20.2482



21.4978, 25.5981, 36.6276



27.2211, 25.5981, 37.2031

Rectangle

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



27.4011, 25.5981, 20.6363



24.0950, 25.5981, 17.8098



21.4978, 25.5981, 36.6276



24.5670, 25.5981, 41.1505

Sweetspot

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



27.4018, 25.5993, 20.6368



61.3426, 62.5854, 63.2233



28.6561, 23.6936, 34.6638



13.1759, 13.3742, 13.3407



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.



27.4018, 25.5993, 20.6368



46.5140, 41.9118, 30.5855



31.0846, 32.9649, 21.8644



7.6719, 7.8239, 7.8951



12.8107, 7.5186, 0.7760



0.3499, 0.2593, 0.0316

Inverse Universe

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



26.4272, 30.4547, 41.5314



44.4351, 52.2059, 74.9599



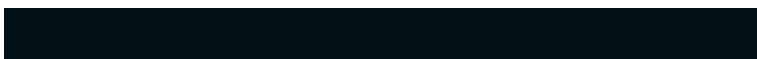
22.7005, 23.0013, 40.2891



7.5927, 8.2223, 9.6052



11.1751, 13.8104, 30.0522



0.3079, 0.4080, 0.7432

Previews

White Background



This preview shows how the XYZ color 27.4011, 25.5981, 20.6363 looks on a white background.

Color Contrast Check

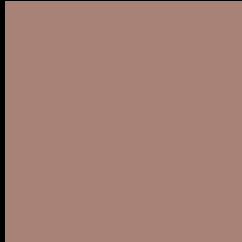
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4011, 25.5981, 20.6363 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 27.4011, 25.5981, 20.6363

Background



This preview shows how black text looks on a background with the XYZ color 27.4011, 25.5981, 20.6363.



This preview shows how white text looks on a background with the XYZ color 27.4011, 25.5981,

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

27.4011, 25.5981, 20.6363

Protanopia

24.2784, 25.6018, 22.0744

Deuteranopia

26.0956, 25.5330, 20.3826



Tritanopia

28.6823, 25.5309, 27.0832

Trichromacy



Original Color

27.4011, 25.5981, 20.6363

Protanomaly

25.2520, 25.4807, 21.6765

Deuteranomaly

26.5664, 25.5734, 20.3656

Tritanomaly

28.1106, 25.4851, 24.5566

Monochromacy



Original Color

27.4011, 25.5981, 20.6363

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.5467, 25.7583, 25.4552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4011, 25.5981, 20.6363 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, 130, 118)` looks like.

```
.text, #text, p{  
    color:rgb(168, 130, 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(168, 130, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 130, 118) }
```

Border

The CSS property to change the border of an element to XYZ 27.4011, 25.5981, 20.6363 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, 130, 118) }
```


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

```
.border{ border-color:rgb(168, 130, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 130, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 130, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 130, 118);  
box-shadow:4px 4px 4px 4px rgb(168, 130,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4011, 25.5981, 20.6363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 130, 118) }
```

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

```
.background{ background-color: rgb(168,  
130, 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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