

Converting Colors

XYZ(26.9861, 25.2360, 8.2993)

Have a look what the booklet for
XYZ(26.9861, 25.2360, 8.2993)
contains.

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Color

**XYZ(27.0047, 25.2735,
8.3055)**

Conversions

Conversions Part 1

Format	Color
Hex	B28040
RGB	178, 128, 64
RGB Percent	70%, 50%, 25%
CMY	0.3020, 0.4980, 0.7490
CMYK	0.00, 0.28, 0.64, 0.30
HSL	34°, 47%, 47%
HSV	34°, 64%, 70%
XYZ	27.0047, 25.2735, 8.3055
YIQ	135.6540, 50.3440, -9.3040

Conversions

Conversions Part 2

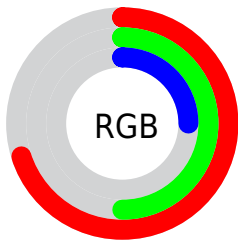
Format	Color
RYB	153, 178, 64
Decimal	11698240
CIELab	57.34, 12.58, 41.63
CIElCh	57, 43.489, 73.188
Yxy	25.2735, 0.4457, 0.4172
Android (android.graphics.Color)	4289888320 (0xFFB28040)
YUV	135.6540, -35.3254, 37.1374
Hunter-Lab	50.2728, 7.9064, 25.3957

Details

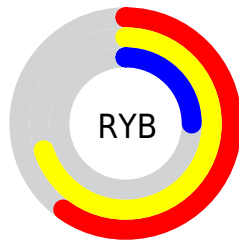
The XYZ color **27.0047, 25.2735, 8.3055** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.1673, 16.3383, 44.4208**, and the grayscale version is **23.3876, 24.6056, 26.7955**.

A 20% lighter version of the original color is **54.4862, 52.2672, 23.1364**, and **10.9013, 9.7612, 1.7250** is the 20% darker color. If you saturate the color by 10%, you get **25.5975, 23.1445, 5.7239**, and if you desaturate by 10%, it is **28.6531, 27.6263, 11.7654**.

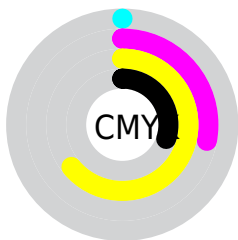
Distribution



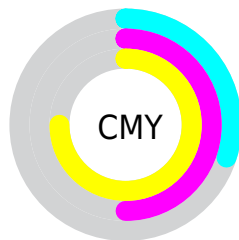
- Red (70%)
- Green (50%)
- Blue (25%)



- Red (60%)
- Yellow (70%)
- Blue (25%)



- Cyan (0%)
- Magenta (28%)
- Yellow (64%)
- Black (30%)





- Cyan (30%)
- Magenta (50%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0047, 25.2735, 8.3055 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 27.0047, 25.2735, 8.3055 by changing the saturation by 10% instead.


 27.0047, 25.2735,
8.3055


 27.0047, 25.2735,
8.3055


279.8470,
279.1973, 188.1321


 17.7134, 16.2809,
4.2005


 54.3112, 52.1006,
23.1112


 10.8428, 9.7232,
1.7360


 73.0572, 70.7039,
34.6489

 6.0278, 5.2158,
0.3852


 95.6853, 93.2795,
49.5013

 2.9028, 2.3744,
0.0000

 122.5610,
120.2120, 68.0869

 1.1026, 0.8127,
0.0000

 154.0497,
151.8856, 90.8243

 0.0273, 0.0000,
0.0000

190.5167,

 0.0000, 0.0000,

188.6847, 118.1319

0.0000

232.3274,
230.9938, 150.4283

■ 27.0047, 25.2735,
8.3055

■ 27.0047, 25.2735,
8.3055

■ 25.5975, 23.1445,
5.7239

■ 28.6531, 27.6263,
11.7654

■ 24.4120, 21.2258,
3.9344

■ 30.5565, 30.2082,
16.1761

■ 23.4276, 19.5072,
2.8352

■ 32.7295, 33.0287,
21.6040

■ 22.9111, 18.5670,
2.3763

■ 35.1852, 36.0954,
28.1090

■ 37.9354, 39.4158,
35.7464

■ 40.9912, 42.9965,
44.5678

■ 44.3634, 46.8443,
54.6215

■ 48.0618, 50.9653,
65.9529

■ 52.0959, 55.3657,
78.6055

Harmonies

Analogous

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



31.9992, 25.2735, 12.3018



27.0047, 25.2735, 8.3055



21.8301, 25.2735, 8.0982

Triad

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



27.0047, 25.2735, 8.3055



15.6044, 25.2735, 34.5178



31.4655, 25.2735, 53.8447

Complementary

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



27.0047, 25.2735, 8.3055



16.1673, 16.3383, 44.4208

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.



26.3553, 25.2735, 65.4518



27.0047, 25.2735, 8.3055



17.4942, 25.2735, 51.8828

Square

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



27.0047, 25.2735, 8.3055



15.7265, 25.2735, 20.0963



21.2669, 25.2735, 64.6273



34.8164, 25.2735, 36.5745

Rectangle

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



27.0047, 25.2735, 8.3055



18.9934, 25.2735, 9.9402



21.2669, 25.2735, 64.6273



29.8673, 25.2735, 58.7746

Sweetspot

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



27.0053, 25.2748, 8.3060



66.0902, 68.2381, 57.2426



23.3054, 14.3767, 17.8573



14.3350, 14.7452, 11.8352



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.0053, 25.2748, 8.3060



45.4505, 40.4333, 8.8220



33.9249, 41.0154, 10.9795



8.8789, 9.2703, 8.9739



16.4567, 13.4120, 1.7214



0.5747, 0.5357, 0.0731

Inverse Universe

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



16.1673, 16.3383, 44.4208



24.2754, 23.0261, 79.5462



12.3737, 8.1724, 43.0445



8.3384, 8.8230, 10.7699



7.7628, 6.3261, 30.9489



0.3027, 0.3159, 0.9933

Previews

White Background



This preview shows how the XYZ color 27.0047, 25.2735, 8.3055 looks on a white background.

Color Contrast Check

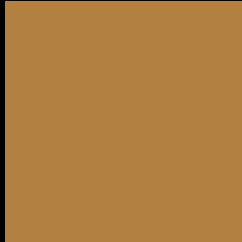
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0047, 25.2735, 8.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

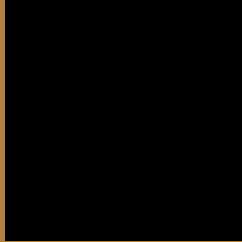
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0047, 25.2735, 8.3055

Background



This preview shows how black text looks on a background with the XYZ color 27.0047, 25.2735, 8.3055.



This preview shows how white text looks on a background with the XYZ color 27.0047, 25.2735,

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

27.0047, 25.2735, 8.3055

Protanopia

23.2385, 25.3545, 8.9793

Deuteranopia

25.8081, 25.2494, 8.2160



Tritanopia

30.3951, 25.3537, 24.4109

Trichromacy



Original Color

27.0047, 25.2735, 8.3055

Protanomaly

24.4088, 25.1249, 8.7174

Deuteranomaly

26.3354, 25.3228, 8.2024

Tritanomaly

28.8652, 25.2797, 16.9938

Monochromacy



Original Color

27.0047, 25.2735, 8.3055

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.9645, 24.4802, 18.2139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0047, 25.2735, 8.3055 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(178, 128, 64)` looks like.

```
.text, #text, p{  
    color:rgb(178, 128, 64)  
}
```

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(178, 128, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 128, 64) }
```

Border

The CSS property to change the border of an element to XYZ 27.0047, 25.2735, 8.3055 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(178, 128, 64) }
```


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

```
.border{ border-color:rgb(178, 128, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 128, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 128, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 128, 64);  
box-shadow:4px 4px 4px 4px rgb(178, 128,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0047, 25.2735, 8.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 128, 64) }
```

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

```
.background{ background-color: rgb(178,  
128, 64) }
```

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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