

Converting Colors

XYZ(27.5946, 25.2037, 7.8253)

Have a look what the booklet for
XYZ(27.5946, 25.2037, 7.8253)
contains.

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Color

**XYZ(27.5946, 25.2037,
7.8253)**

Conversions

Conversions Part 1

Format	Color
Hex	B67E3D
RGB	182, 126, 61
RGB Percent	71%, 49%, 24%
CMY	0.2863, 0.5059, 0.7608
CMYK	0.00, 0.31, 0.66, 0.29
HSL	32°, 50%, 48%
HSV	32°, 66%, 71%
XYZ	27.5946, 25.2037, 7.8253
YIQ	135.3340, 54.2410, -8.3430

Conversions

Conversions Part 2

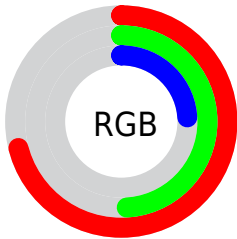
Format	Color
R_{YB}	165, 182, 61
Decimal	11959869
CIE _{Lab}	57.27, 15.25, 43.18
CIE _{LCh}	57, 45.793, 70.553
Yxy	25.2037, 0.4552, 0.4157
Android (android.graphics.Color)	4290149949 (0xFFB67E3D)
YUV	135.3340, -36.6467, 40.9261
Hunter-Lab	50.2033, 10.2581, 25.9006

Details

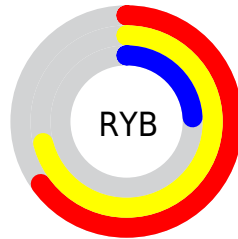
The XYZ color **27.5946, 25.2037, 7.8253** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.7290, 17.0914, 46.6731**, and the grayscale version is **23.2718, 24.4837, 26.6628**.

A 20% lighter version of the original color is **55.2650, 52.0887, 22.1803**, and **11.1661, 9.6896, 1.5689** is the 20% darker color. If you saturate the color by 10%, you get **26.1531, 22.9767, 5.3230**, and if you desaturate by 10%, it is **29.2943, 27.6811, 11.2347**.

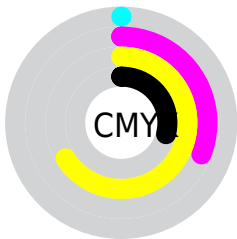
Distribution



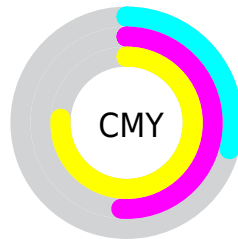
- Red (71%)
- Green (49%)
- Blue (24%)



- Red (65%)
- Yellow (71%)
- Blue (24%)



- Cyan (0%)
- Magenta (31%)
- Yellow (66%)
- Black (29%)





- Cyan (29%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5946, 25.2037, 7.8253 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 27.5946, 25.2037, 7.8253 by changing the saturation by 10% instead.


 27.5946, 25.2037,
7.8253


 27.5946, 25.2037,
7.8253


282.6400,
278.8509, 184.2384


 18.1592, 16.2289,
3.8972


 55.2497, 51.9875,
22.1557


 11.1647, 9.6863,
1.5691


 74.2001, 70.5653,
33.3951

 6.2458, 5.1914,
0.2686


 97.0529, 93.1128,
47.9087

 3.0372, 2.3600,
0.0000

 124.1735,
120.0145, 66.1151

 1.1735, 0.8052,
0.0000

 155.9271,
151.6548, 88.4327

 0.0853, 0.0000,
0.0000

 192.6791,

 0.0000, 0.0000,

188.4180, 115.2800

0.0000

234.7950,
230.6886, 147.0758

■ 27.5946, 25.2037,
7.8253

■ 27.5946, 25.2037,
7.8253

■ 26.1531, 22.9767,
5.3230

■ 29.2943, 27.6811,
11.2347

■ 24.9483, 20.9850,
3.6329

■ 31.2678, 30.4155,
15.6306

■ 23.9546, 19.2155,
2.6303

■ 33.5311, 33.4178,
21.0848

■ 23.6380, 18.6383,
2.3517

■ 36.0986, 36.6967,
27.6625

■ 38.9833, 40.2608,
35.4230

■ 42.1976, 44.1178,
44.4219

■ 45.7529, 48.2755,
54.7110

■ 49.6604, 52.7410,
66.3392

■ 53.9303, 57.5213,
79.3527

Harmonies

Analogous

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



32.7766, 25.2037, 12.2539



27.5946, 25.2037, 7.8253



22.0972, 25.2037, 7.3178

Triad

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



27.5946, 25.2037, 7.8253



15.1024, 25.2037, 33.2790



31.3886, 25.2037, 56.9343

Complementary

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



27.5946, 25.2037, 7.8253



16.7290, 17.0914, 46.6731

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.



25.9149, 25.2037, 68.4755



27.5946, 25.2037, 7.8253



16.8784, 25.2037, 51.7760

Square

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



27.5946, 25.2037, 7.8253



15.4120, 25.2037, 18.6581



20.6510, 25.2037, 66.2958



35.1854, 25.2037, 38.6249

Rectangle

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



27.5946, 25.2037, 7.8253



19.0393, 25.2037, 8.9311



20.6510, 25.2037, 66.2958



29.6522, 25.2037, 61.9975

Sweetspot

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



27.5952, 25.2050, 7.8258



68.5904, 70.4389, 58.5359



24.1987, 14.5781, 18.5126



14.8267, 15.1586, 12.0614



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.5952, 25.2050, 7.8258



46.3002, 39.8456, 7.9857



35.9227, 43.2538, 10.8706



9.3934, 9.7898, 9.5014



16.7601, 13.2965, 1.6831



0.6521, 0.5912, 0.0797

Inverse Universe

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



16.7290, 17.0914, 46.6731



25.1960, 24.1294, 83.5652



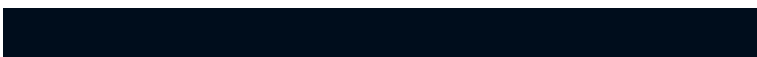
12.2946, 7.8401, 45.1211



8.8544, 9.3861, 11.4244



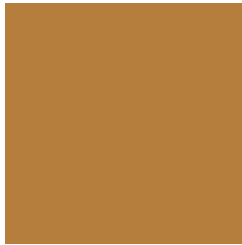
8.2791, 7.0178, 32.1713



0.3539, 0.3714, 1.1548

Previews

White Background



This preview shows how the XYZ color 27.5946, 25.2037, 7.8253 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 27.5946, 25.2037, 7.8253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

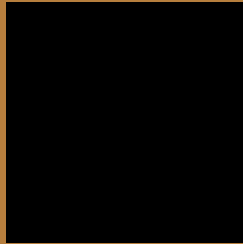
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5946, 25.2037, 7.8253

Background



This preview shows how black text looks on a background with the XYZ color 27.5946, 25.2037, 7.8253.



This preview shows how white text looks on a background with the XYZ color 27.5946, 25.2037,

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

27.5946, 25.2037, 7.8253

Protanopia

23.1795, 25.3309, 8.6687

Deuteranopia

25.7265, 25.2168, 7.7864



Tritanopia

30.9866, 25.3170, 23.6756

Trichromacy



Original Color

27.5946, 25.2037, 7.8253

Protanomaly

24.7604, 25.3129, 8.4313

Deuteranomaly

26.3451, 25.1407, 7.7391

Tritanomaly

29.4658, 25.2328, 16.4141

Monochromacy



Original Color

27.5946, 25.2037, 7.8253

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.9069, 24.2606, 17.6101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5946, 25.2037, 7.8253 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(182, 126, 61)` looks like.

```
.text, #text, p{  
    color:rgb(182, 126, 61)  
}
```

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(182, 126, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 126, 61) }
```

Border

The CSS property to change the border of an element to XYZ 27.5946, 25.2037, 7.8253 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(182, 126, 61) }
```


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

```
.border{ border-color:rgb(182, 126, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 126, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 126, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 126, 61);  
box-shadow:4px 4px 4px 4px rgb(182, 126,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5946, 25.2037, 7.8253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 126, 61) }
```

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

```
.background{ background-color: rgb(182,  
126, 61) }
```

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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