

Converting Colors

XYZ(27.7461, 25.2905, 8.1908)

Have a look what the booklet for
XYZ(27.7461, 25.2905, 8.1908)
contains.

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Color

**XYZ(27.6495, 25.2257,
8.1144)**

Conversions

Conversions Part 1

Format	Color
Hex	B67E3F
RGB	182, 126, 63
RGB Percent	71%, 49%, 25%
CMY	0.2863, 0.5059, 0.7529
CMYK	0.00, 0.31, 0.65, 0.29
HSL	32°, 49%, 48%
HSV	32°, 65%, 71%
XYZ	27.6495, 25.2257, 8.1144
YIQ	135.5620, 53.5990, -7.7210

Conversions

Conversions Part 2

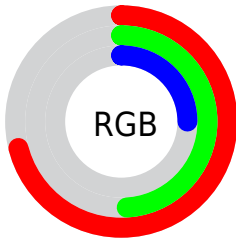
Format	Color
R_{YB}	169, 182, 63
Decimal	11959871
CIE _{Lab}	57.29, 15.37, 42.21
CIE _{LCh}	57, 44.918, 69.986
Yxy	25.2257, 0.4533, 0.4136
Android (android.graphics.Color)	4290149951 (0xFFB67E3F)
YUV	135.5620, -35.7731, 40.7261
Hunter-Lab	50.2252, 10.3721, 25.5787

Details

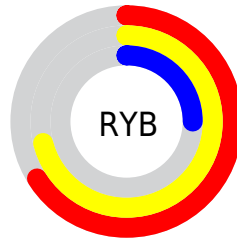
The XYZ color **27.6495, 25.2257, 8.1144** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.0899, 17.6270, 46.7574**, and the grayscale version is **23.3540, 24.5702, 26.7569**.

A 20% lighter version of the original color is **55.3764, 52.1332, 22.7669**, and **11.1840, 9.6968, 1.6630** is the 20% darker color. If you saturate the color by 10%, you get **26.1740, 22.9586, 5.5146**, and if you desaturate by 10%, it is **29.3881, 27.7501, 11.6317**.

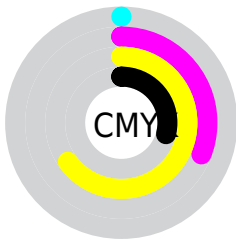
Distribution



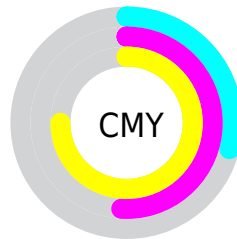
- Red (71%)
- Green (49%)
- Blue (25%)



- Red (66%)
- Yellow (71%)
- Blue (25%)



- Cyan (0%)
- Magenta (31%)
- Yellow (65%)
- Black (29%)



- Cyan (29%)
- Magenta (51%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6495, 25.2257, 8.1144 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 27.6495, 25.2257, 8.1144 by changing the saturation by 10% instead.

■ 27.6495, 25.2257,
8.1144

■ 27.6495, 25.2257,
8.1144

282.8988,
278.9601, 186.5946

■ 18.2007, 16.2453,
4.0794

■ 55.3369, 52.0231,
22.7323

■ 11.1947, 9.6979,
1.6690

■ 74.3063, 70.6090,
34.1522

■ 6.2662, 5.1991,
0.3394

■ 97.1799, 93.1654,
48.8710

■ 3.0498, 2.3646,
0.0000

■ 124.3231,
120.0768, 67.3069

■ 1.1802, 0.8076,
0.0000

■ 156.1012,
151.7275, 89.8788

■ 0.0906, 0.0000,
0.0000

■ 192.8796,

■ 0.0000, 0.0000,

188.5021, 117.0049

0.0000

235.0237,
230.7848, 149.1040

■ 27.6495, 25.2257,
8.1144

■ 27.6495, 25.2257,
8.1144

■ 26.1740, 22.9586,
5.5146

■ 29.3881, 27.7501,
11.6317

■ 24.9401, 20.9334,
3.7390

■ 31.4052, 30.5385,
16.1447

■ 23.9246, 19.1380,
2.6743

■ 33.7169, 33.6019,
21.7245

■ 23.5071, 18.3765,
2.3081

■ 36.3373, 36.9493,
28.4355

■ 39.2797, 40.5891,
36.3368

■ 42.5562, 44.5296,
45.4835

■ 46.1786, 48.7785,
55.9270

■ 50.1578, 53.3430,
67.7160

■ 54.5042, 58.2304,
80.8965

Harmonies

Analogous

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



32.6967, 25.2257, 12.6171



27.6495, 25.2257, 8.1144



22.2462, 25.2257, 7.5407

Triad

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



27.6495, 25.2257, 8.1144



15.2489, 25.2257, 32.8649



31.1668, 25.2257, 56.5744

Complementary

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



27.6495, 25.2257, 8.1144



17.0899, 17.6270, 46.7574

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.



25.7938, 25.2257, 67.5877



27.6495, 25.2257, 8.1144



16.9631, 25.2257, 50.9139

Square

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



27.6495, 25.2257, 8.1144



15.5936, 25.2257, 18.6124



20.6437, 25.2257, 65.2012



34.9264, 25.2257, 38.7596

Rectangle

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



27.6495, 25.2257, 8.1144



19.2196, 25.2257, 9.1067



20.6437, 25.2257, 65.2012



29.4593, 25.2257, 61.4469

Sweetspot

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



27.6501, 25.2270, 8.1149



68.4965, 70.2511, 58.5046



24.4906, 14.8689, 19.5136



14.8035, 15.1123, 12.0537



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.



27.6501, 25.2270, 8.1149



46.5226, 40.1273, 8.5626



36.4513, 43.5199, 11.1819



9.3876, 9.7781, 9.4995



16.6676, 13.1115, 1.6523



0.6490, 0.5850, 0.0787

Inverse Universe

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



17.0899, 17.6270, 46.7574



25.9968, 25.3852, 83.7654



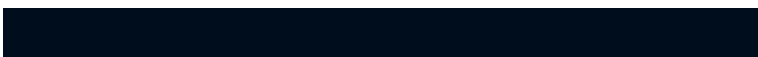
12.4001, 8.0559, 45.1572



8.8602, 9.3976, 11.4264



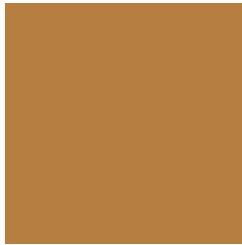
8.3580, 7.1757, 32.1976



0.3567, 0.3770, 1.1557

Previews

White Background



This preview shows how the XYZ color 27.6495, 25.2257, 8.1144 looks on a white background.

Color Contrast Check

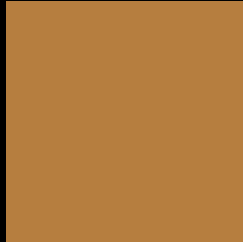
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6495, 25.2257, 8.1144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

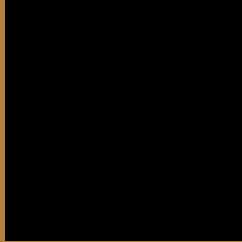
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6495, 25.2257, 8.1144

Background



This preview shows how black text looks on a background with the XYZ color 27.6495, 25.2257, 8.1144.



This preview shows how white text looks on a background with the XYZ color 27.6495, 25.2257,

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

27.6495, 25.2257, 8.1144

Protanopia

23.2385, 25.3545, 8.9793

Deuteranopia

25.7804, 25.2383, 8.0701



Tritanopia

30.9866, 25.3170, 23.6756

Trichromacy



Original Color

27.6495, 25.2257, 8.1144

Protanomaly

24.8183, 25.3361, 8.7365

Deuteranomaly

26.3990, 25.1623, 8.0229

Tritanomaly

29.4658, 25.2328, 16.4141

Monochromacy



Original Color

27.6495, 25.2257, 8.1144

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.1485, 24.3790, 17.9008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6495, 25.2257, 8.1144 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, 63)` looks like.

```
.text, #text, p{  
    color:rgb(182, 126, 63)  
}
```

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, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 126, 63) }
```

Border

The CSS property to change the border of an element to XYZ 27.6495, 25.2257, 8.1144 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, 63) }
```


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

```
.border{ border-color:rgb(182, 126, 63) }
```

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, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 126, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 126, 63);  
box-shadow:4px 4px 4px 4px rgb(182, 126,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6495, 25.2257, 8.1144 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, 63) }
```

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

```
.background{ background-color: rgb(182,  
126, 63) }
```

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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