

Converting Colors

XYZ(27.5586, 28.5551, 4.0592)

Have a look what the booklet for
XYZ(27.5586, 28.5551, 4.0592)
contains.

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Color

**XYZ(27.5775, 28.5761,
4.0623)**

Conversions

Conversions Part 1

Format	Color
Hex	B08E00
RGB	176, 142, 0
RGB Percent	69%, 56%, 0%
CMY	0.3098, 0.4431, 0.9999
CMYK	0.00, 0.19, 1.00, 0.31
HSL	48°, 100%, 35%
HSV	48°, 100%, 69%
XYZ	27.5775, 28.5761, 4.0623
YIQ	135.9780, 65.8460, -36.9540

Conversions

Conversions Part 2

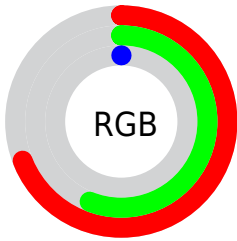
Format	Color
RYB	42, 176, 0
Decimal	11570688
CIELab	60.41, 1.68, 64.90
CIELCh	60, 64.926, 88.521
Yxy	28.5761, 0.4580, 0.4746
Android (android.graphics.Color)	4289760768 (0xFFB08E00)
YUV	135.9780, -67.0372, 35.0993
Hunter-Lab	53.4566, -1.4635, 32.9140

Details

The XYZ color **27.5775, 28.5761, 4.0623** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **8.4088, 4.2791, 41.4567**, and the grayscale version is **23.6207, 24.8508, 27.0625**.

A 20% lighter version of the original color is **55.2445, 57.3180, 14.1130**, and **11.4349, 11.5762, 1.6318** is the 20% darker color. If you saturate the color by 10%, you get **27.5777, 28.5767, 4.0624**, and if you desaturate by 10%, it is **28.1977, 29.6471, 4.7921**.

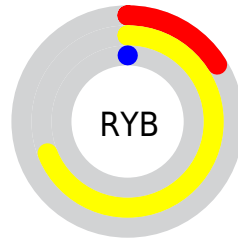
Distribution



Red (69%)

Green (56%)

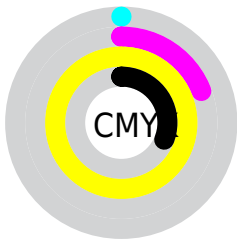
Blue (0%)



Red (16%)

Yellow (69%)

Blue (0%)

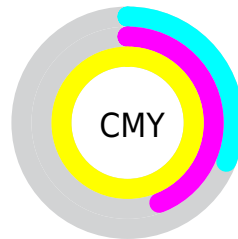


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (31%)



Cyan (31%)


Magenta (44%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5775, 28.5761, 4.0623 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 27.5775, 28.5761, 4.0623 by changing the saturation by 10% instead.


 27.5775, 28.5761,
4.0623


 27.5775, 28.5761,
4.0623


282.5593,
295.2096, 148.9153


 18.1462, 18.7604,
1.6596


 55.2226, 57.4029,
14.1532


 11.1554, 11.4973,
0.3328


 74.1671, 77.1828,
22.6784


 6.2395, 6.4024,
0.0000


 97.0134, 101.0528,
34.0816

 3.0333, 3.0912,
0.0000

 124.1269,
129.3975, 48.7813

 1.1714, 1.1796,
0.0000

 155.8728,
162.6011, 67.1959


 0.0836, 0.0449,
0.0000


 192.6167,


 0.0000, 0.0000,

201.0480, 89.7441


0.0000


 234.7237,
245.1227, 116.8444


 27.5775, 28.5761,
4.0623


 27.5775, 28.5761,
4.0623


 27.5777, 28.5767,
4.0624

 28.1977, 29.6471,
4.7921

 28.9274, 30.7856,
6.0243

 29.8040, 32.0081,
7.9530

 30.8450, 33.3216,
10.6689

 32.0650, 34.7322,
14.2492

■ 33.4772, 36.2455,
18.7619

■ 35.0932, 37.8662,
24.2680

■ 36.9238, 39.5989,
30.8234

■ 38.9789, 41.4477,
38.4800

Harmonies

Analogous

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



36.4422, 28.5761, 6.0606



27.5775, 28.5761, 4.0623



20.1900, 28.5761, 5.6703

Triad

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



27.5775, 28.5761, 4.0623



15.3502, 28.5761, 58.6558



43.2927, 28.5761, 61.8511

Complementary

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



27.5775, 28.5761, 4.0623



8.4088, 4.2791, 41.4567

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.



35.5754, 28.5761, 91.5681



27.5775, 28.5761, 4.0623



19.6064, 28.5761, 89.1509

Square

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



27.5775, 28.5761, 4.0623



14.0592, 28.5761, 29.9420



26.7482, 28.5761, 103.4846



46.5917, 28.5761, 32.3172

Rectangle

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



27.5775, 28.5761, 4.0623



16.8159, 28.5761, 9.5079



26.7482, 28.5761, 103.4846



41.0606, 28.5761, 72.6155

Sweetspot

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



27.5781, 28.5775, 4.0629



63.4824, 68.5158, 43.4356



18.2110, 9.3529, 2.4520



13.4884, 14.5824, 8.4839



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.5781, 28.5775, 4.0629



49.8571, 51.5089, 7.3145



23.7228, 35.2764, 5.5591



9.0548, 9.6221, 9.0325



20.2752, 21.0491, 2.9943



0.6738, 0.7339, 0.1061

Inverse Universe

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



8.4088, 4.2791, 41.4567



15.1259, 7.5113, 75.1479



9.2947, 3.8866, 41.3342



8.1705, 8.4871, 10.7139



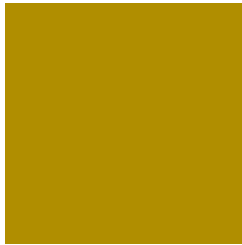
6.2028, 3.2061, 30.4289



0.2344, 0.1793, 0.9705

Previews

White Background



This preview shows how the XYZ color 27.5775, 28.5761, 4.0623 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 27.5775, 28.5761, 4.0623 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 27.5775, 28.5761, 4.0623

Background



This preview shows how black text looks on a background with the XYZ color 27.5775, 28.5761, 4.0623.



This preview shows how white text looks on a background with the XYZ color 27.5775, 28.5761,

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

27.5775, 28.5761, 4.0623

Protanopia

25.8398, 28.5746, 4.3833

Deuteranopia

28.9283, 28.3964, 4.3371



Tritanopia

32.6622, 28.5228, 29.3752

Trichromacy



Original Color

27.5775, 28.5761, 4.0623

Protanomaly

26.5150, 28.6968, 4.2851

Deuteranomaly

28.3325, 28.3065, 4.2002

Tritanomaly

29.4720, 28.0498, 13.5337

Monochromacy



Original Color

27.5775, 28.5761, 4.0623

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.5713, 25.4444, 12.6857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5775, 28.5761, 4.0623 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(176, 142, 0)` looks like.

```
.text, #text, p{  
    color:rgb(176, 142, 0)  
}
```

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(176, 142, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 142, 0) }
```

Border

The CSS property to change the border of an element to XYZ 27.5775, 28.5761, 4.0623 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(176, 142, 0) }
```


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

```
.border{ border-color:rgb(176, 142, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 142, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 142, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 142, 0);  
box-shadow:4px 4px 4px 4px rgb(176, 142,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5775, 28.5761, 4.0623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 142, 0) }
```

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

```
.background{ background-color: rgb(176,  
142, 0) }
```

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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