

Converting Colors

XYZ(27.6695, 26.1370, 3.5866)

Have a look what the booklet for
XYZ(27.6695, 26.1370, 3.5866)
contains.

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Color

**XYZ(27.7498, 26.1556,
3.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	B88200
RGB	184, 130, 0
RGB Percent	72%, 51%, 0%
CMY	0.2784, 0.4902, 1.0000
CMYK	0.00, 0.29, 1.00, 0.28
HSL	42°, 100%, 36%
HSV	42°, 100%, 72%
XYZ	27.7498, 26.1556, 3.5860
YIQ	131.3260, 73.9140, -28.9820

Conversions

Conversions Part 2

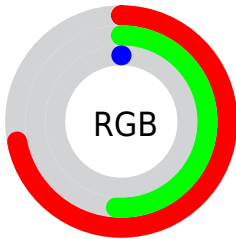
Format	Color
R_{YB}	76, 184, 0
Decimal	12091904
CIE Lab	58.18, 11.94, 63.80
CIE LCh	58, 64.903, 79.401
Yxy	26.1556, 0.4827, 0.4549
Android (android.graphics.Color)	4290281984 (0xFFB88200)
YUV	131.3260, -64.7437, 46.1951
Hunter-Lab	51.1425, 7.3541, 31.6425

Details

The XYZ color **27.7498, 26.1556, 3.5860** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.9712, 6.0995, 45.9988**, and the grayscale version is **21.8973, 23.0376, 25.0880**.

A 20% lighter version of the original color is **55.6639, 53.7091, 13.0633**, and **11.5466, 10.3205, 1.3835** is the 20% darker color. If you saturate the color by 10%, you get **27.7499, 26.1561, 3.5860**, and if you desaturate by 10%, it is **28.6002, 27.6764, 4.4247**.

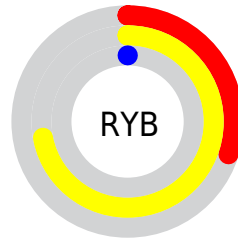
Distribution



Red (72%)

Green (51%)

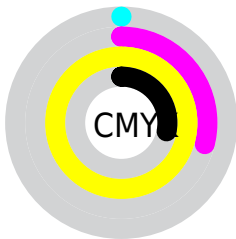
Blue (0%)



Red (30%)

Yellow (72%)

Blue (0%)

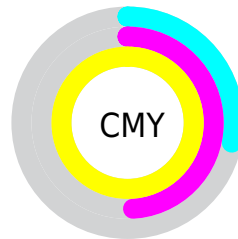


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7498, 26.1556, 3.5860 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 27.7498, 26.1556, 3.5860 by changing the saturation by 10% instead.

■ 27.7498, 26.1556,
3.5860

■ 27.7498, 26.1556,
3.5860

283.3712,
283.5451, 143.5062

■ 18.2766, 16.9401,
1.4011

■ 55.4962, 53.5259,
13.0431

■ 11.2497, 10.1918,
0.1426

■ 74.5001, 72.4494,
21.1524

■ 6.3036, 5.5263,
0.0000

■ 97.4116, 95.3777,
32.0735

■ 3.0729, 2.5592,
0.0000

■ 124.5962,
122.6952, 46.2251

■ 1.1924, 0.9062,
0.0000

■ 156.4190,
154.7863, 64.0256


■ 0.1004, 0.0000,
0.0000


■ 193.2456,


■ 0.0000, 0.0000,


192.0354, 85.8936


0.0000


 235.4412,
234.8269, 112.2476


 27.7498, 26.1556,
3.5860


 27.7498, 26.1556,
3.5860


 27.7499, 26.1561,
3.5860

 28.6002, 27.6764,
4.4247

 29.5941, 29.3148,
5.8333

 30.7721, 31.0890,
8.0198

 32.1540, 33.0076,
11.0864

 33.7568, 35.0784,
15.1192

■ 35.5954, 37.3081,
20.1943

■ 37.6832, 39.7029,
26.3801

■ 40.0325, 42.2685,
33.7390

■ 42.6548, 45.0103,
42.3288

Harmonies

Analogous

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



36.0699, 26.1556, 6.6152



27.7498, 26.1556, 3.5860



20.1631, 26.1556, 4.0362

Triad

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



27.7498, 26.1556, 3.5860



13.1409, 26.1556, 45.4439



38.2165, 26.1556, 67.0343

Complementary

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



27.7498, 26.1556, 3.5860



9.9712, 6.0995, 45.9988

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.



30.2352, 26.1556, 92.0658



27.7498, 26.1556, 3.5860



16.2528, 26.1556, 75.7085

Square

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



27.7498, 26.1556, 3.5860



12.7517, 26.1556, 21.2257



22.1783, 26.1556, 95.8823



42.9059, 26.1556, 37.2209

Rectangle

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



27.7498, 26.1556, 3.5860



16.4362, 26.1556, 6.3974



22.1783, 26.1556, 95.8823



35.7599, 26.1556, 76.8325

Sweetspot

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



27.7504, 26.1569, 3.5865



68.1082, 71.7451, 47.2018



20.4617, 10.4683, 4.5827



14.3314, 15.0687, 9.1197



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.



27.7504, 26.1569, 3.5865



50.0878, 46.9816, 6.4284



29.2092, 40.5024, 6.2786



9.5216, 10.0461, 9.5442



19.1887, 18.1537, 2.4927



0.7272, 0.7415, 0.1048

Inverse Universe

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



9.9712, 6.0995, 45.9988



17.8953, 10.6969, 83.3261



9.4079, 3.8507, 45.5944



8.7301, 9.1375, 11.3830



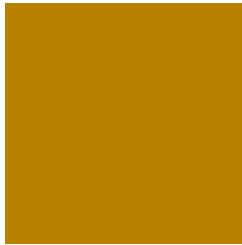
6.9260, 4.3117, 31.7203



0.2995, 0.2628, 1.1367

Previews

White Background



This preview shows how the XYZ color 27.7498, 26.1556, 3.5860 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 27.7498, 26.1556, 3.5860 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 27.7498, 26.1556, 3.5860

Background



This preview shows how black text looks on a background with the XYZ color 27.7498, 26.1556, 3.5860.



This preview shows how white text looks on a background with the XYZ color 27.7498, 26.1556,

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

27.7498, 26.1556, 3.5860

Protanopia

23.6858, 26.3430, 4.1529

Deuteranopia

26.5190, 26.1222, 3.6444



Tritanopia

32.1018, 26.2336, 24.4907

Trichromacy



Original Color

27.7498, 26.1556, 3.5860

Protanomaly

24.9204, 26.1222, 3.9296

Deuteranomaly

27.0737, 26.2058, 3.6313

Tritanomaly

29.5080, 25.7312, 11.5950

Monochromacy



Original Color

27.7498, 26.1556, 3.5860

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.2553, 23.3412, 11.5159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7498, 26.1556, 3.5860 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(184, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 130, 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(184, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 130, 0) }
```

Border

The CSS property to change the border of an element to XYZ 27.7498, 26.1556, 3.5860 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(184, 130, 0) }
```


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

```
.border{ border-color:rgb(184, 130, 0) }
```

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

Here you see how a box with a 4 pixel rgb(184, 130, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 130,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7498, 26.1556, 3.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 130, 0) }
```

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

```
.background{ background-color: rgb(184,  
130, 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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