

Converting Colors

XYZ(22.3582, 16.6908, 2.9376)

Have a look what the booklet for
XYZ(22.3582, 16.6908, 2.9376)
contains.

XYZ(22.2556, 16.6333, 2.9573)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.2556, 16.6333,
2.9573)**

Conversions

Conversions Part 1

Format	Color
Hex	B35819
RGB	179, 88, 25
RGB Percent	70%, 35%, 10%
CMY	0.2980, 0.6549, 0.9019
CMYK	0.00, 0.51, 0.86, 0.30
HSL	25°, 75%, 40%
HSV	25°, 86%, 70%
XYZ	22.2556, 16.6333, 2.9573
YIQ	108.0270, 74.4590, -0.3010

Conversions

Conversions Part 2

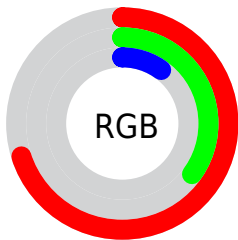
Format	Color
R _Y B	179, 132, 25
Decimal	11753497
CIE Lab	47.79, 33.20, 49.87
CIE LCh	48, 59.914, 56.346
Yxy	16.6333, 0.5318, 0.3975
Android (android.graphics.Color)	4289943577 (0xFFB35819)
YUV	108.0270, -40.9323, 62.2433
Hunter-Lab	40.7839, 26.0347, 24.2496

Details

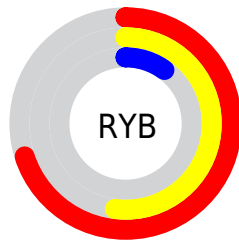
The XYZ color **22.2556, 16.6333, 2.9573** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **14.7827, 15.9515, 44.9474**, and the grayscale version is **14.3586, 15.1064, 16.4508**.

A 20% lighter version of the original color is **46.4378, 37.4985, 11.4470**, and **8.4712, 5.4441, 0.6043** is the 20% darker color. If you saturate the color by 10%, you get **21.3132, 14.9672, 1.9696**, and if you desaturate by 10%, it is **23.4469, 18.6021, 4.6310**.

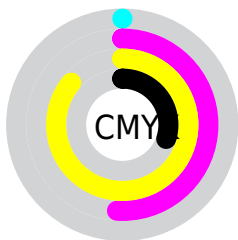
Distribution



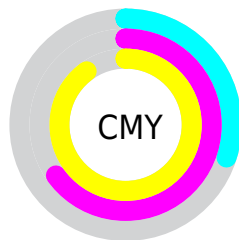
- Red (70%)
- Green (35%)
- Blue (10%)



- Red (70%)
- Yellow (52%)
- Blue (10%)



- Cyan (0%)
- Magenta (51%)
- Yellow (86%)
- Black (30%)





- Cyan (30%)
- Magenta (65%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.2556, 16.6333, 2.9573 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 22.2556, 16.6333, 2.9573 by changing the saturation by 10% instead.


 22.2556, 16.6333,
2.9573


 22.2556, 16.6333,
2.9573


256.4855,
233.0502, 135.8149


 14.1625, 9.9734,
1.0729


 46.6438, 37.6942,
11.5229


 8.3162, 5.3813,
0.0000


 63.6696, 52.8640,
19.0411

 4.3515, 2.4727,
0.0000

 84.4037, 71.6392,
29.2744

 1.9028, 0.8629,
0.0000

 109.2114, 94.4042,
42.6412


 0.5785, 0.0000,
0.0000


 138.4580,
121.5434, 59.5601


 0.0000, 0.0000,
0.0000


 172.5091,


153.4412, 80.4497


 211.7298,
190.4820, 105.7284


 22.2556, 16.6333,
2.9573


 22.2556, 16.6333,
2.9573


 21.3132, 14.9672,
1.9696


 23.4469, 18.6021,
4.6310

 20.9881, 14.3792,
1.6693

 24.9129, 20.8897,
7.1062

 26.6755, 23.5134,
10.4732

 28.7538, 26.4879,
14.8096

 31.1648, 29.8272,
20.1847

■ 33.9246, 33.5442,
26.6613

■ 37.0476, 37.6513,
34.2970

■ 40.5478, 42.1599,
43.1455

■ 44.4382, 47.0813,
53.2571

Harmonies

Analogous

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



26.9959, 16.6333, 7.8957



22.2556, 16.6333, 2.9573



16.4772, 16.6333, 1.7217

Triad

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



22.2556, 16.6333, 2.9573



7.5764, 16.6333, 16.2895



20.8534, 16.6333, 59.6851

Complementary

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



22.2556, 16.6333, 2.9573



14.7827, 15.9515, 44.9474

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.



15.1600, 16.6333, 66.6116



22.2556, 16.6333, 2.9573



8.2394, 16.6333, 34.6762

Square

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



22.2556, 16.6333, 2.9573



8.6732, 16.6333, 6.1624



10.7463, 16.6333, 55.6050



26.0659, 16.6333, 39.9612

Rectangle

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



22.2556, 16.6333, 2.9573



13.0758, 16.6333, 1.9693



10.7463, 16.6333, 55.6050



18.8998, 16.6333, 63.9410

Sweetspot

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



22.2560, 16.6342, 2.9576



60.5445, 59.7925, 47.2374



22.1725, 11.5728, 18.0186



13.0252, 12.7276, 9.5424



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.



22.2560, 16.6342, 2.9576



37.3813, 25.3370, 2.9203



31.9697, 36.0618, 6.1955



8.7724, 9.0572, 8.9384



14.8920, 10.2826, 1.1998



0.5266, 0.4396, 0.0571

Inverse Universe

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



14.7827, 15.9515, 44.9474



23.5345, 23.7529, 79.7255



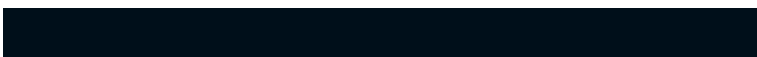
9.3100, 5.0062, 43.1231



8.4453, 9.0368, 10.8055



9.4402, 9.6808, 31.5080



0.3527, 0.4159, 1.0099

Previews

White Background



This preview shows how the XYZ color 22.2556, 16.6333, 2.9573 looks on a white 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

Black Background



This preview shows how the XYZ color 22.2556, 16.6333, 2.9573 looks on a black 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

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

XYZ 22.2556, 16.6333, 2.9573

Background



This preview shows how black text looks on a background with the XYZ color 22.2556, 16.6333, 2.9573.



This preview shows how white text looks on a background with the XYZ color 22.2556, 16.6333,

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

22.2556, 16.6333, 2.9573

Protanopia

15.1801, 16.7281, 3.7953

Deuteranopia

16.9305, 16.6810, 2.6752



Tritanopia

23.8348, 16.5629, 11.1733

Trichromacy



Original Color

22.2556, 16.6333, 2.9573

Protanomaly

17.3060, 16.3949, 3.4148

Deuteranomaly

18.6595, 16.5159, 2.7347

Tritanomaly

22.9468, 16.4256, 6.9621

Monochromacy



Original Color

22.2556, 16.6333, 2.9573

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.8603, 14.9258, 9.2528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2556, 16.6333, 2.9573 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(179, 88, 25)` looks like.

```
.text, #text, p{  
    color:rgb(179, 88, 25)  
}
```

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(179, 88, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 88, 25) }
```

Border

The CSS property to change the border of an element to XYZ 22.2556, 16.6333, 2.9573 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(179, 88, 25) }
```


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

```
.border{ border-color:rgb(179, 88, 25) }
```

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

Here you see how a box with a 4 pixel rgb(179, 88, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 88, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 88, 25);  
box-shadow:4px 4px 4px 4px rgb(179, 88,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2556, 16.6333, 2.9573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 88, 25) }
```

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

```
.background{ background-color: rgb(179, 88,  
25) }
```

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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