

Converting Colors

XYZ(22.1927, 16.3491, 3.4249)

Have a look what the booklet for
XYZ(22.1927, 16.3491, 3.4249)
contains.

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Color

**XYZ(22.1927, 16.3491,
3.4248)**

Conversions

Conversions Part 1

Format	Color
Hex	B35621
RGB	179, 86, 33
RGB Percent	70%, 34%, 13%
CMY	0.2980, 0.6627, 0.8706
CMYK	0.00, 0.52, 0.82, 0.30
HSL	22°, 69%, 42%
HSV	22°, 82%, 70%
XYZ	22.1927, 16.3491, 3.4248
YIQ	107.7650, 72.4410, 3.2330

Conversions

Conversions Part 2

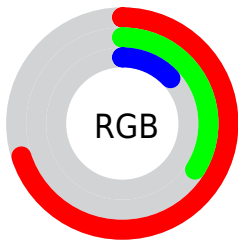
Format	Color
R_{YB}	179, 116, 33
Decimal	11752993
CIE _{Lab}	47.43, 34.49, 46.23
CIE _{LCh}	47, 57.675, 53.276
Yxy	16.3491, 0.5288, 0.3896
Android (android.graphics.Color)	4289943073 (0xFFB35621)
YUV	107.7650, -36.8591, 62.4731
Hunter-Lab	40.4340, 27.2123, 23.2819

Details

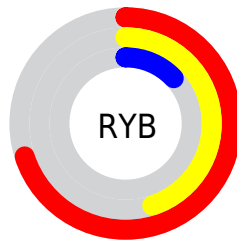
The XYZ color **22.1927, 16.3491, 3.4248** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **16.2240, 18.4982, 45.3629**, and the grayscale version is **14.2743, 15.0177, 16.3542**.

A 20% lighter version of the original color is **46.5466, 37.3114, 12.7312**, and **8.4073, 5.3162, 0.5830** is the 20% darker color. If you saturate the color by 10%, you get **21.1666, 14.5971, 2.1576**, and if you desaturate by 10%, it is **23.4981, 18.4467, 5.4426**.

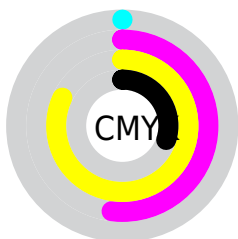
Distribution



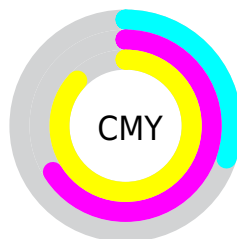
- Red (70%)
- Green (34%)
- Blue (13%)



- Red (70%)
- Yellow (45%)
- Blue (13%)



- Cyan (0%)
- Magenta (52%)
- Yellow (82%)
- Black (30%)



- Cyan (30%)
- Magenta (66%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1927, 16.3491, 3.4248 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 22.1927, 16.3491, 3.4248 by changing the saturation by 10% instead.

■ 22.1927, 16.3491,
3.4248

■ 22.1927, 16.3491,
3.4248

256.1644,
231.3930, 141.5997

■ 14.1160, 9.7715,
1.3154

■ 46.5408, 37.2032,
12.6598

■ 8.2836, 5.2477,
0.0744

■ 63.5428, 52.2485,
20.6225

■ 4.3303, 2.3933,
0.0000

■ 84.2506, 70.8852,
31.3734

■ 1.8906, 0.8225,
0.0000

■ 109.0297, 93.4977,
45.3311

■ 0.5714, 0.0000,
0.0000

■ 138.2452,
120.4703, 62.9140

■ 0.0000, 0.0000,
0.0000

■ 172.2626,

152.1874, 84.5407

211.4472,
189.0335, 110.6298

22.1927, 16.3491,
3.4248

22.1927, 16.3491,
3.4248

21.1666, 14.5971,
2.1576

23.4981, 18.4467,
5.4426

20.4798, 13.3626,
1.4998

25.1065, 20.9073,
8.3101

27.0401, 23.7504,
12.1120

29.3182, 26.9927,
16.9221

31.9586, 30.6500,
22.8071

■ 34.9775, 34.7370,
29.8275

■ 38.3904, 39.2680,
38.0396

■ 42.2116, 44.2561,
47.4959

■ 46.4547, 49.7142,
58.2455

Harmonies

Analogous

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



26.4368, 16.3491, 8.8301



22.1927, 16.3491, 3.4248



16.7194, 16.3491, 1.9229

Triad

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



22.1927, 16.3491, 3.4248



7.6760, 16.3491, 14.7033



19.7584, 16.3491, 58.2314

Complementary

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



22.1927, 16.3491, 3.4248



16.2240, 18.4982, 45.3629

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.



14.4161, 16.3491, 62.9794



22.1927, 16.3491, 3.4248



8.1431, 16.3491, 31.4115

Square

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



22.1927, 16.3491, 3.4248



8.9146, 16.3491, 5.7129



10.3695, 16.3491, 51.2629



24.8296, 16.3491, 40.5116

Rectangle

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



22.1927, 16.3491, 3.4248



13.3886, 16.3491, 2.0525



10.3695, 16.3491, 51.2629



17.9089, 16.3491, 61.6903

Sweetspot

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



22.1931, 16.3500, 3.4251



61.0373, 60.0537, 49.6348



23.0238, 12.2273, 21.5342



13.0982, 12.7306, 10.0079



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.



22.1931, 16.3500, 3.4251



36.7450, 24.0236, 2.8336



30.9386, 33.8411, 6.3403



8.7405, 8.9936, 8.9278



14.5292, 9.5569, 1.0789



0.5138, 0.4141, 0.0528

Inverse Universe

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



16.2240, 18.4982, 45.3629



25.4556, 27.5088, 80.3492



10.1253, 6.3010, 43.3300



8.4780, 9.1023, 10.8164



10.0664, 10.9332, 31.7168



0.3698, 0.4502, 1.0156

Previews

White Background



This preview shows how the XYZ color 22.1927, 16.3491, 3.4248 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 22.1927, 16.3491, 3.4248 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 22.1927, 16.3491, 3.4248

Background



This preview shows how black text looks on a background with the XYZ color 22.1927, 16.3491, 3.4248.



This preview shows how white text looks on a background with the XYZ color 22.1927, 16.3491,

3.4248.

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

22.1927, 16.3491, 3.4248

Protanopia

14.8923, 16.3991, 4.3879

Deuteranopia

16.5885, 16.3364, 3.1986



Tritanopia

23.6782, 16.3805, 10.7179

Trichromacy



Original Color

22.1927, 16.3491, 3.4248

Protanomaly

16.8612, 15.8538, 3.9217

Deuteranomaly

18.1890, 15.9761, 3.2236

Tritanomaly

22.9288, 16.2951, 7.2470

Monochromacy



Original Color

22.1927, 16.3491, 3.4248

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.8739, 14.7768, 9.8001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1927, 16.3491, 3.4248 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, 86, 33)` looks like.

```
.text, #text, p{  
    color:rgb(179, 86, 33)  
}
```

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, 86, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 86, 33) }
```

Border

The CSS property to change the border of an element to XYZ 22.1927, 16.3491, 3.4248 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, 86, 33) }
```


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

```
.border{ border-color:rgb(179, 86, 33) }
```

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

Here you see how a box with a 4 pixel rgb(179, 86, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 86, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 86, 33);  
box-shadow:4px 4px 4px 4px rgb(179, 86,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1927, 16.3491, 3.4248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 86, 33) }
```

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

```
.background{ background-color: rgb(179, 86,  
33) }
```

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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