

Converting Colors

XYZ(27.5928, 22.0193, 3.2476)

Have a look what the booklet for
XYZ(27.5928, 22.0193, 3.2476)
contains.

XYZ(27.5921, 22.0192, 3.2478)	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(27.5921, 22.0192,
3.2478)**

Conversions

Conversions Part 1

Format	Color
Hex	C26B0F
RGB	194, 107, 15
RGB Percent	76%, 42%, 6%
CMY	0.2392, 0.5804, 0.9412
CMYK	0.00, 0.45, 0.92, 0.24
HSL	31°, 86%, 41%
HSV	31°, 92%, 76%
XYZ	27.5921, 22.0192, 3.2478
YIQ	122.5250, 81.3840, -10.1680

Conversions

Conversions Part 2

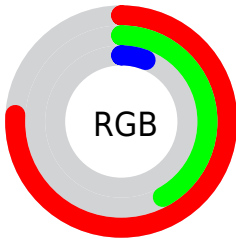
Format	Color
RYB	184, 194, 15
Decimal	12741391
CIELab	54.05, 29.14, 58.75
CIELCh	54, 65.576, 63.616
Yxy	22.0192, 0.5220, 0.4166
Android (android.graphics.Color)	4290931471 (0xFFC26B0F)
YUV	122.5250, -53.0098, 62.6836
Hunter-Lab	46.9246, 22.8415, 28.7436

Details

The XYZ color **27.5921, 22.0192, 3.2478** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **14.6859, 13.4991, 52.8703**, and the grayscale version is **18.8212, 19.8013, 21.5636**.

A 20% lighter version of the original color is **54.8078, 46.5242, 12.2223**, and **11.3446, 8.0944, 0.9645** is the 20% darker color. If you saturate the color by 10%, you get **26.7777, 20.5287, 2.5511**, and if you desaturate by 10%, it is **28.8382, 24.1783, 4.6911**.

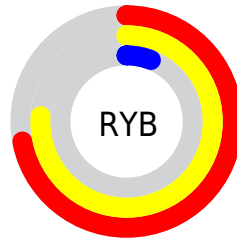
Distribution



Red (76%)

Green (42%)

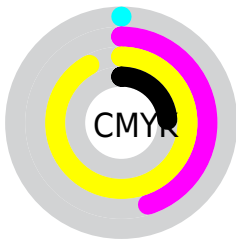
Blue (6%)



Red (72%)

Yellow (76%)

Blue (6%)

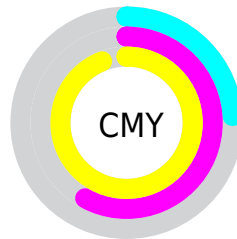


Cyan (0%)

Magenta (45%)

Yellow (92%)

Black (24%)



Cyan (24%)


Magenta (58%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5921, 22.0192, 3.2478 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 27.5921, 22.0192, 3.2478 by changing the saturation by 10% instead.


 27.5921, 22.0192,
3.2478


 27.5921, 22.0192,
3.2478


282.6282,
262.6465, 139.4567


 18.1573, 13.8710,
1.2225


 55.2458, 46.7777,
12.2340

 11.1633, 8.0310,
0.0000


 74.1953, 64.1569,
20.0320

 6.2449, 4.1148,
0.0000


 97.0472, 85.3817,
30.5913

 3.0366, 1.7380,
0.0000

 124.1667,
110.8368, 44.3305

 1.1732, 0.4481,
0.0000

 155.9191,
140.9064, 61.6681


 0.0850, 0.0000,
0.0000


 192.6700,


 0.0000, 0.0000,

175.9750, 83.0227


0.0000


 234.7846,
216.4269, 108.8127


 27.5921, 22.0192,
3.2478


 27.5921, 22.0192,
3.2478


 26.7777, 20.5287,
2.5511

 28.8382, 24.1783,
4.6911

 30.3527, 26.6205,
7.0046

 32.1622, 29.3625,
10.3114

 34.2891, 32.4180,
14.7144

 36.7531, 35.7996,
20.3035

■ 39.5722, 39.5189,
27.1590

■ 42.7628, 43.5868,
35.3543

■ 46.3402, 48.0136,
44.9569

■ 50.3188, 52.8091,
56.0299

Harmonies

Analogous

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



34.4624, 22.0192, 8.2021



27.5921, 22.0192, 3.2478



20.0802, 22.0192, 2.3049

Triad

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



27.5921, 22.0192, 3.2478



10.0560, 22.0192, 26.5237



29.4223, 22.0192, 73.4203

Complementary

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



27.5921, 22.0192, 3.2478



14.6859, 13.4991, 52.8703

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.



21.8005, 22.0192, 87.8874



27.5921, 22.0192, 3.2478



11.5027, 22.0192, 52.7471

Square

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



27.5921, 22.0192, 3.2478



10.9352, 22.0192, 10.4710



15.4348, 22.0192, 78.7381



35.6757, 22.0192, 45.8544

Rectangle

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



27.5921, 22.0192, 3.2478



15.9272, 22.0192, 3.0420



15.4348, 22.0192, 78.7381



26.8806, 22.0192, 80.5127

Sweetspot

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



27.5926, 22.0204, 3.2482



73.8234, 74.3397, 54.5863



24.9432, 12.8208, 14.3909



15.6318, 15.5902, 10.6037



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.5926, 22.0204, 3.2482



48.2583, 36.6800, 4.5365



41.6260, 50.0872, 7.9260



10.4917, 10.9148, 10.6157



17.6881, 13.6620, 1.7048



0.8331, 0.7279, 0.0966

Inverse Universe

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



14.6859, 13.4991, 52.8703



24.6872, 21.1470, 95.2504



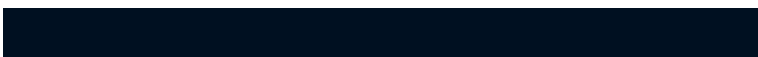
10.1055, 4.3384, 51.3435



9.9233, 10.5379, 12.7958



9.1321, 8.0207, 34.6235



0.4636, 0.4845, 1.5190

Previews

White Background



This preview shows how the XYZ color 27.5921, 22.0192, 3.2478 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 27.5921, 22.0192, 3.2478 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 27.5921, 22.0192, 3.2478

Background



This preview shows how black text looks on a background with the XYZ color 27.5921, 22.0192, 3.2478.



This preview shows how white text looks on a background with the XYZ color 27.5921, 22.0192,

3.2478.

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

27.5921, 22.0192, 3.2478

Protanopia

19.9815, 22.1342, 3.9782

Deuteranopia

22.3928, 22.0584, 3.0775



Tritanopia

30.4997, 22.1816, 16.5839

Trichromacy



Original Color

27.5921, 22.0192, 3.2478

Protanomaly

22.1813, 21.7526, 3.6457

Deuteranomaly

24.0679, 21.8475, 3.0921

Tritanomaly

29.1122, 22.0652, 9.2032

Monochromacy



Original Color

27.5921, 22.0192, 3.2478

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.3559, 19.7522, 11.1272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5921, 22.0192, 3.2478 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(194, 107, 15)` looks like.

```
.text, #text, p{  
    color:rgb(194, 107, 15)  
}
```

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(194, 107, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 107, 15) }
```

Border

The CSS property to change the border of an element to XYZ 27.5921, 22.0192, 3.2478 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(194, 107, 15) }
```


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

```
.border{ border-color:rgb(194, 107, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 107, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 107, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 107, 15);  
box-shadow:4px 4px 4px 4px rgb(194, 107,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5921, 22.0192, 3.2478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 107, 15) }
```

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

```
.background{ background-color: rgb(194,  
107, 15) }
```

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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