

Converting Colors

XYZ(27.4127, 22.4887, 3.2725)

Have a look what the booklet for
XYZ(27.4127, 22.4887, 3.2725)
contains.

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Color

**XYZ(27.4953, 22.6044,
3.2947)**

Conversions

Conversions Part 1

Format	Color
Hex	C06F0D
RGB	192, 111, 13
RGB Percent	75%, 44%, 5%
CMY	0.2471, 0.5647, 0.9490
CMYK	0.00, 0.42, 0.93, 0.25
HSL	33°, 87%, 40%
HSV	33°, 93%, 75%
XYZ	27.4953, 22.6044, 3.2947
YIQ	124.0470, 79.7340, -13.3060

Conversions

Conversions Part 2

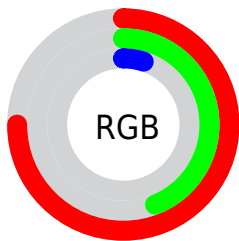
Format	Color
RYB	161, 192, 13
Decimal	12611341
CIELab	54.66, 26.10, 59.51
CIELCh	55, 64.982, 66.317
Yxy	22.6044, 0.5149, 0.4233
Android (android.graphics.Color)	4290801421 (0xFFC06F0D)
YUV	124.0470, -54.7462, 59.5948
Hunter-Lab	47.5441, 20.0265, 29.1722

Details

The XYZ color **27.4953, 22.6044, 3.2947** 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 **13.6831, 11.8967, 51.4438**, and the grayscale version is **19.3329, 20.3397, 22.1500**.

A 20% lighter version of the original color is **55.1076, 47.7201, 12.2677**, and **11.2383, 8.3508, 1.0195** is the 20% darker color. If you saturate the color by 10%, you get **26.8019, 21.3341, 2.7053**, and if you desaturate by 10%, it is **28.6812, 24.6712, 4.6316**.

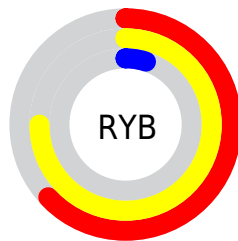
Distribution



Red (75%)

Green (44%)

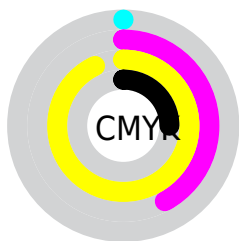
Blue (5%)



Red (63%)

Yellow (75%)

Blue (5%)

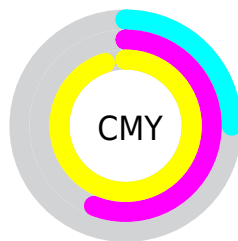


Cyan (0%)

Magenta (42%)

Yellow (93%)

Black (25%)



Cyan (25%)


Magenta (56%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4953, 22.6044, 3.2947 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 27.4953, 22.6044, 3.2947 by changing the saturation by 10% instead.


 27.4953, 22.6044,
3.2947


 27.4953, 22.6044,
3.2947


282.1714,
265.6866, 140.0298


 18.0841, 14.3017,
1.2470


 55.0919, 47.7429,
12.3474

 11.1104, 8.3308,
0.0178


 74.0081, 65.3475,
20.1894


 6.2090, 4.3073,
0.0000


 96.8232, 86.8215,
30.8000

 3.0144, 1.8469,
0.0000

 123.9027,
112.5493, 44.5977

 1.1614, 0.5162,
0.0000

 155.6119,
142.9154, 62.0009


 0.0756, 0.0000,
0.0000

 192.3162,


 0.0000, 0.0000,


178.3040, 83.4284


0.0000


 234.3809,
219.0996, 109.2985


 27.4953, 22.6044,
3.2947


 27.4953, 22.6044,
3.2947


 26.8019, 21.3341,
2.7053

 28.6812, 24.6712,
4.6316

 30.1136, 26.9871,
6.8010

 31.8183, 29.5673,
9.9252

 33.8167, 32.4243,
14.1057

 36.1279, 35.5690,
19.4310

■ 38.7687, 39.0119,
25.9798

■ 41.7548, 42.7626,
33.8242

■ 45.1008, 46.8301,
43.0303

■ 48.8202, 51.2231,
53.6599

Harmonies

Analogous

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



34.5788, 22.6044, 7.8801



27.4953, 22.6044, 3.2947



20.0071, 22.6044, 2.5532

Triad

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



27.4953, 22.6044, 3.2947



10.5105, 22.6044, 29.2046



30.7014, 22.6044, 71.9364

Complementary

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



27.4953, 22.6044, 3.2947



13.6831, 11.8967, 51.4438

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.



23.0336, 22.6044, 88.1740



27.4953, 22.6044, 3.2947



12.2003, 22.6044, 56.0803

Square

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



27.4953, 22.6044, 3.2947



11.1919, 22.6044, 11.9403



16.4210, 22.6044, 81.1627



36.6986, 22.6044, 44.0628

Rectangle

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



27.4953, 22.6044, 3.2947



15.9469, 22.6044, 3.4989



16.4210, 22.6044, 81.1627



28.1760, 22.6044, 79.4798

Sweetspot

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



27.4958, 22.6056, 3.2951



72.7526, 73.8642, 53.5643



24.0181, 12.3488, 12.3139



15.1169, 15.2244, 10.2180



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



27.4958, 22.6056, 3.2951



48.3088, 38.1462, 4.8168



39.1798, 48.1712, 7.6140



10.5200, 10.9713, 10.6251



18.1137, 14.5131, 1.8466



0.8508, 0.7633, 0.1025

Inverse Universe

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



13.6831, 11.8967, 51.4438



23.1535, 18.7236, 92.7540



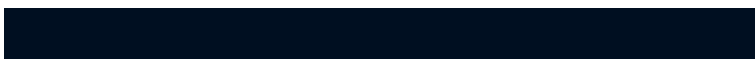
9.9264, 4.2319, 50.1624



9.8953, 10.4818, 12.7865



8.7646, 7.2857, 34.5010



0.4474, 0.4523, 1.5136

Previews

White Background



This preview shows how the XYZ color 27.4953, 22.6044, 3.2947 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 27.4953, 22.6044, 3.2947 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 27.4953, 22.6044, 3.2947

Background



This preview shows how black text looks on a background with the XYZ color 27.4953, 22.6044, 3.2947.



This preview shows how white text looks on a background with the XYZ color 27.4953, 22.6044,

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

27.4953, 22.6044, 3.2947

Protanopia

20.5903, 22.8489, 3.9869

Deuteranopia

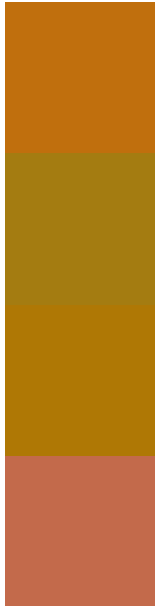
23.0595, 22.7742, 3.1805



Tritanopia

30.4844, 22.5840, 17.7914

Trichromacy



Original Color

27.4953, 22.6044, 3.2947

Protanomaly

22.6187, 22.3483, 3.6518

Deuteranomaly

24.4231, 22.5579, 3.2104

Tritanomaly

28.9297, 22.4182, 9.4590

Monochromacy



Original Color

27.4953, 22.6044, 3.2947

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.5915, 20.2233, 11.2057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4953, 22.6044, 3.2947 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(192, 111, 13)` looks like.

```
.text, #text, p{  
    color:rgb(192, 111, 13)  
}
```

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(192, 111, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 111, 13) }
```

Border

The CSS property to change the border of an element to XYZ 27.4953, 22.6044, 3.2947 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(192, 111, 13) }
```


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

```
.border{ border-color:rgb(192, 111, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 111, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 111, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 111, 13);  
box-shadow:4px 4px 4px 4px rgb(192, 111,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4953, 22.6044, 3.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 111, 13) }
```

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

```
.background{ background-color: rgb(192,  
111, 13) }
```

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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