

Converting Colors

XYZ(22.1304, 17.4025, 4.4637)

Have a look what the booklet for
XYZ(22.1304, 17.4025, 4.4637)
contains.

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Color

**XYZ(22.2075, 17.4728,
4.4876)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AF5F2B |
| RGB | 175, 95, 43 |
| RGB Percent | 69%, 37%, 17% |
| CMY | 0.3137, 0.6274, 0.8314 |
| CMYK | 0.00, 0.46, 0.75, 0.31 |
| HSL | 24°, 61%, 43% |
| HSV | 24°, 75%, 69% |
| XYZ | 22.2075, 17.4728, 4.4876 |
| YIQ | 112.9920, 64.3720, 0.7880 |

Conversions

Conversions Part 2

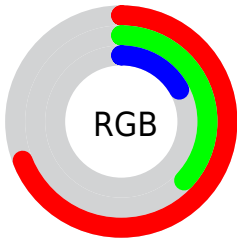
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 175, 129, 43 |
| Decimal | 11493163 |
| CIE Lab | 48.85, 28.43, 42.73 |
| CIE LCh | 49, 51.321, 56.360 |
| Yxy | 17.4728, 0.5028, 0.3956 |
| Android (android.graphics.Color) | 4289683243 (0xFFAF5F2B) |
| YUV | 112.9920, -34.5061, 54.3810 |
| Hunter-Lab | 41.8005, 21.6815, 22.8951 |

Details

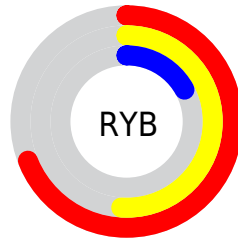
The XYZ color **22.2075, 17.4728, 4.4876** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **15.8166, 17.7736, 43.1543**, and the grayscale version is **15.7799, 16.6017, 18.0793**.

A 20% lighter version of the original color is **46.4716, 38.9926, 15.2022**, and **8.3526, 5.8149, 0.6822** is the 20% darker color. If you saturate the color by 10%, you get **21.0615, 15.5892, 2.8473**, and if you desaturate by 10%, it is **23.6221, 19.6735, 6.8971**.

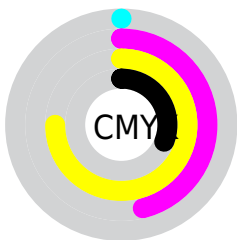
Distribution



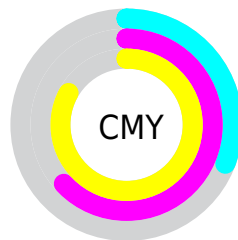
- Red (69%)
- Green (37%)
- Blue (17%)



- Red (69%)
- Yellow (51%)
- Blue (17%)



- Cyan (0%)
- Magenta (46%)
- Yellow (75%)
- Black (31%)





- Cyan (31%)
- Magenta (63%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.2075, 17.4728, 4.4876 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 22.2075, 17.4728, 4.4876 by changing the saturation by 10% instead.


 22.2075, 17.4728,
4.4876


 22.2075, 17.4728,
4.4876


256.2400,
237.8824, 153.5000


 14.1269, 10.5722,
1.8965


 46.5650, 39.1369,
15.1196


 8.2913, 5.7799,
0.4905


 63.5726, 54.6692,
23.9975

 4.3353, 2.7117,
0.0000

 84.2867, 73.8474,
35.8080

 1.8935, 0.9832,
0.0000

 109.0724, 97.0561,
50.9698

 0.5731, 0.0000,
0.0000

 138.2953,
124.6795, 69.9014

 0.0000, 0.0000,
0.0000

 172.3206,

157.1021, 93.0212

211.5137,
194.7083, 120.7479

■ 22.2075, 17.4728,
4.4876

■ 22.2075, 17.4728,
4.4876

■ 21.0615, 15.5892,
2.8473

■ 23.6221, 19.6735,
6.8971

■ 20.1581, 14.0016,
1.8699

■ 25.3247, 22.2047,
10.1591

■ 19.8039, 13.3635,
1.5356

■ 27.3339, 25.0820,
14.3470

■ 29.6663, 28.3192,
19.5257

■ 32.3371, 31.9291,
25.7545

■ 35.3605, 35.9240,
33.0878

■ 38.7497, 40.3154,
41.5763

■ 42.5173, 45.1144,
51.2674

■ 46.6752, 50.3315,
62.2061

Harmonies

Analogous

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



26.2257, 17.4728, 9.6026



22.2075, 17.4728, 4.4876



17.1949, 17.4728, 3.0280

Triad

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



22.2075, 17.4728, 4.4876



9.0491, 17.4728, 17.4099



21.0090, 17.4728, 53.4750

Complementary

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



22.2075, 17.4728, 4.4876



15.8166, 17.7736, 43.1543

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.



16.0334, 17.4728, 58.9734



22.2075, 17.4728, 4.4876



9.6857, 17.4728, 33.1883

Square

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



22.2075, 17.4728, 4.4876



10.0967, 17.4728, 7.8899



12.0380, 17.4728, 50.2307



25.4461, 17.4728, 37.5400

Rectangle

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



22.2075, 17.4728, 4.4876



14.1618, 17.4728, 3.3338



12.0380, 17.4728, 50.2307



19.3195, 17.4728, 56.8565

Sweetspot

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



22.2079, 17.4737, 4.4879



58.9623, 58.5803, 48.6291



22.2065, 12.3072, 20.4069



12.7014, 12.4813, 9.8466



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



22.2079, 17.4737, 4.4879



36.5237, 25.8365, 3.7438



30.6168, 34.2915, 7.2909



8.2544, 8.5136, 8.4216



14.2387, 9.6829, 1.1185



0.4503, 0.3778, 0.0492

Inverse Universe

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



15.8166, 17.7736, 43.1543



24.3704, 26.1265, 76.3953



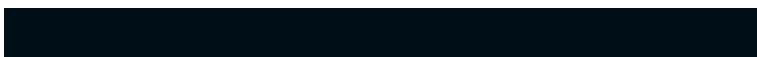
10.2675, 6.6755, 41.3047



7.9675, 8.5343, 10.1800



9.2975, 9.7289, 30.4324



0.3100, 0.3733, 0.8637

Previews

White Background



This preview shows how the XYZ color 22.2075, 17.4728, 4.4876 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 22.2075, 17.4728, 4.4876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

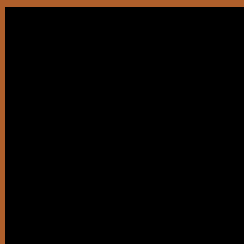
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.2075, 17.4728, 4.4876

Background



This preview shows how black text looks on a background with the XYZ color 22.2075, 17.4728, 4.4876.



This preview shows how white text looks on a background with the XYZ color 22.2075, 17.4728,

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

22.2075, 17.4728, 4.4876

Protanopia

16.1216, 17.6902, 5.4706

Deuteranopia

17.8884, 17.6198, 4.2919



Tritanopia

24.0438, 17.4543, 13.1681

Trichromacy



Original Color

22.2075, 17.4728, 4.4876

Protanomaly

17.8358, 17.2535, 5.0795

Deuteranomaly

19.3392, 17.4245, 4.3515

Tritanomaly

23.2121, 17.3651, 9.1496

Monochromacy



Original Color

22.2075, 17.4728, 4.4876

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.0688, 16.2469, 11.4689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2075, 17.4728, 4.4876 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(175, 95, 43)` looks like.

```
.text, #text, p{  
    color:rgb(175, 95, 43)  
}
```

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(175, 95, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 95, 43) }
```

Border

The CSS property to change the border of an element to XYZ 22.2075, 17.4728, 4.4876 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(175, 95, 43) }
```


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

```
.border{ border-color:rgb(175, 95, 43) }
```

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

Here you see how a box with a 4 pixel rgb(175, 95, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 95, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 95, 43);  
box-shadow:4px 4px 4px 4px rgb(175, 95,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2075, 17.4728, 4.4876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 95, 43) }
```

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

```
.background{ background-color: rgb(175, 95,  
43) }
```

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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