

Converting Colors

XYZ(41.8556, 22.2043, 3.0199)

Have a look what the booklet for
XYZ(41.8556, 22.2043, 3.0199)
contains.

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Color

**XYZ(41.8548, 22.2089,
3.0005)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF1D19 |
| RGB | 255, 29, 25 |
| RGB Percent | 100%, 11%, 10% |
| CMY | 0.0000, 0.8861, 0.9020 |
| CMYK | 0.00, 0.89, 0.90, 0.00 |
| HSL | 1°, 100%, 55% |
| HSV | 1°, 90%, 100% |
| XYZ | 41.8548, 22.2089, 3.0005 |
| YIQ | 96.1180, 135.9800, 46.6680 |

Conversions

Conversions Part 2

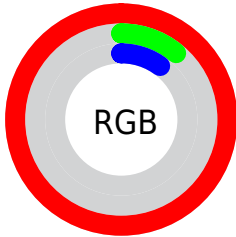
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 29, 25 |
| Decimal | 16719129 |
| CIE _{Lab} | 54.25, 77.61, 60.71 |
| CIE _{LCh} | 54, 98.529, 38.034 |
| Yxy | 22.2089, 0.6241, 0.3312 |
| Android (android.graphics.Color) | 4294909209 (0xFFFF1D19) |
| YUV | 96.1180, -35.0612, 139.3395 |
| Hunter-Lab | 47.1263, 76.0620, 29.2135 |

Details

The XYZ color **41.8548, 22.2089, 3.0005** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **52.9381, 76.4013, 106.5637**, and the grayscale version is **11.2102, 11.7940, 12.8436**.

A 20% lighter version of the original color is **47.4603, 31.6686, 10.2678**, and **20.7390, 10.6914, 0.9706** is the 20% darker color. If you saturate the color by 10%, you get **41.2881, 21.3568, 1.9462**, and if you desaturate by 10%, it is **43.1494, 24.1407, 5.4601**.

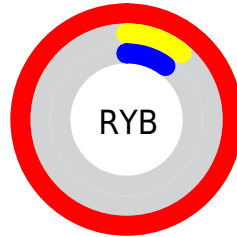
Distribution



Red (100%)

Green (11%)

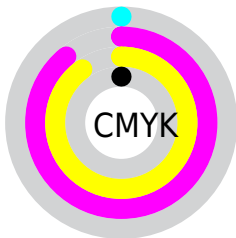
Blue (10%)



Red (100%)

Yellow (11%)

Blue (10%)

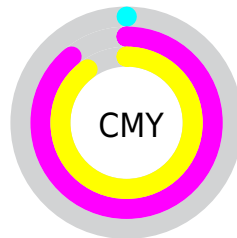


Cyan (0%)

Magenta (89%)

Yellow (90%)

Black (0%)



Cyan (0%)


Magenta (89%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8548, 22.2089, 3.0005 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 41.8548, 22.2089, 3.0005 by changing the saturation by 10% instead.

 41.8548, 22.2089,
3.0005


 41.8548, 22.2089,
3.0005

344.8826,
263.6353, 136.3670


 29.1782, 14.0105,
1.0949


 77.2464, 47.0910,
11.6297


 19.3606, 8.1280,
0.0000


 100.6921, 64.5435,
19.1903


 12.0367, 4.1769,
0.0000


 128.4582, 85.8495,
29.4730

 6.8411, 1.7730,
0.0000

 160.9101,
111.3933, 42.8964

 3.4083, 0.4703,
0.0000

 198.4131,
141.5594, 59.8789


 1.3732, 0.0000,
0.0000

 241.3326,


 0.2370, 0.0000,


176.7322, 80.8392


0.0000


 290.0340,
217.2960, 106.1957


 0.0000, 0.0000,
0.0000


 41.8548, 22.2089,
3.0005

 41.8548, 22.2089,
3.0005


 41.2881, 21.3568,
1.9462

 43.1494, 24.1407,
5.4601

 45.3502, 27.3936,
9.7350

 48.5828, 32.1484,
16.0858

 52.9530, 38.5571,
24.7305

 58.5530, 46.7528,
35.8596

65.4661, 56.8551,
49.6438

73.7678, 68.9733,
66.2387

83.5284, 83.2086,
85.7879

94.8131, 99.6552,
108.4252

Harmonies

Analogous

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



48.7938, 22.2089, 16.8356



41.8548, 22.2089, 3.0005



29.7930, 22.2089, 0.1506

Triad

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



41.8548, 22.2089, 3.0005



7.1852, 22.2089, 8.1427



24.1220, 22.2089, 142.3290

Complementary

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



41.8548, 22.2089, 3.0005



52.9381, 76.4013, 106.5637

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.



14.3011, 22.2089, 130.5902



41.8548, 22.2089, 3.0005



6.5729, 22.2089, 33.4036

Square

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



41.8548, 22.2089, 3.0005



10.7879, 22.2089, 1.1212



8.6828, 22.2089, 81.8139



36.5210, 22.2089, 106.8105

Rectangle

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



41.8548, 22.2089, 3.0005



21.8236, 22.2089, 0.0000



8.6828, 22.2089, 81.8139



20.4100, 22.2089, 144.1116

Sweetspot

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



41.8553, 22.2103, 3.0008



67.9649, 60.5037, 54.6343



59.0260, 28.9306, 93.8769



13.9770, 12.1175, 10.5549



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.



41.8553, 22.2103, 3.0008



41.2885, 21.3570, 1.9462



51.3632, 41.2262, 6.1701



18.0349, 18.0380, 18.6755



21.5852, 11.1816, 1.0206



2.1103, 1.1059, 0.1022

Inverse Universe

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



52.9381, 76.4013, 106.5637



52.4010, 75.9219, 106.5003



27.2785, 25.0820, 98.0105



18.5260, 20.4236, 23.2157



27.3931, 39.6957, 55.6529



2.6756, 3.8818, 5.4215

Previews

White Background



This preview shows how the XYZ color 41.8548, 22.2089, 3.0005 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 41.8548, 22.2089, 3.0005 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 41.8548, 22.2089, 3.0005

Background



This preview shows how black text looks on a background with the XYZ color 41.8548, 22.2089, 3.0005.



This preview shows how white text looks on a background with the XYZ color 41.8548, 22.2089,

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

41.8548, 22.2089, 3.0005

Protanopia

20.4635, 22.5408, 5.8570

Deuteranopia

22.5175, 22.3078, 3.1190



Tritanopia

41.8242, 22.1967, 2.8391

Trichromacy



Original Color

41.8548, 22.2089, 3.0005

Protanomaly

24.6023, 18.5845, 4.1242

Deuteranomaly

26.6476, 19.0348, 2.5280

Tritanomaly

41.8340, 22.2006, 2.8909

Monochromacy



Original Color

41.8548, 22.2089, 3.0005

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

16.7493, 11.9470, 7.2176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8548, 22.2089, 3.0005 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(255, 29, 25)` looks like.

```
.text, #text, p{  
    color:rgb(255, 29, 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(255, 29, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 29, 25) }
```

Border

The CSS property to change the border of an element to XYZ 41.8548, 22.2089, 3.0005 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(255, 29, 25) }
```


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

```
.border{ border-color:rgb(255, 29, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 29, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 29, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 29, 25);  
box-shadow:4px 4px 4px 4px rgb(255, 29,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8548, 22.2089, 3.0005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 29, 25) }
```

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

```
.background{ background-color: rgb(255, 29,  
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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