

Converting Colors

XYZ(39.2585, 21.5755, 2.0953)

Have a look what the booklet for
XYZ(39.2585, 21.5755, 2.0953)
contains.

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Color

**XYZ(39.2585, 21.5755,
2.0953)**

Conversions

Conversions Part 1

Format	Color
Hex	F72C00
RGB	247, 44, 0
RGB Percent	97%, 17%, 0%
CMY	0.0314, 0.8274, 1.0000
CMYK	0.00, 0.82, 1.00, 0.03
HSL	11°, 100%, 48%
HSV	11°, 100%, 97%
XYZ	39.2585, 21.5755, 2.0953
YIQ	99.6810, 135.1120, 29.3520

Conversions

Conversions Part 2

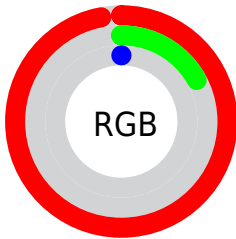
Format	Color
RYB	247, 54, 0
Decimal	16198656
CIELab	53.57, 72.48, 66.36
CIELCh	54, 98.268, 42.477
Yxy	21.5755, 0.6239, 0.3429
Android (android.graphics.Color)	4294388736 (0xFFFF72C00)
YUV	99.6810, -49.1427, 129.1988
Hunter-Lab	46.4494, 69.5795, 29.8401

Details

The XYZ color **39.2585, 21.5755, 2.0953** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **38.1398, 49.4182, 95.5236**, and the grayscale version is **12.1312, 12.7629, 13.8988**.

A 20% lighter version of the original color is **47.6315, 32.7381, 8.0836**, and **18.8224, 9.7033, 0.8809** is the 20% darker color. If you saturate the color by 10%, you get **39.2589, 21.5768, 2.0956**, and if you desaturate by 10%, it is **40.3812, 23.5456, 3.3193**.

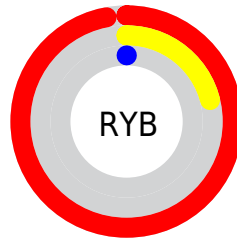
Distribution



Red (97%)

Green (17%)

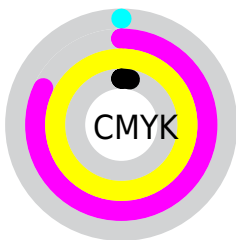
Blue (0%)



Red (97%)

Yellow (21%)

Blue (0%)

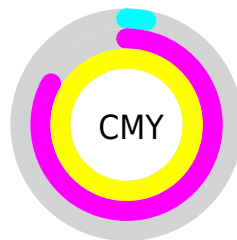


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (3%)



Cyan (3%)


Magenta (83%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2585, 21.5755, 2.0953 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 39.2585, 21.5755, 2.0953 by changing the saturation by 10% instead.


 39.2585, 21.5755,
2.0953


 39.2585, 21.5755,
2.0953


 334.1765,
260.3213, 123.8395


 27.1425, 13.5453,
0.6130


 73.3246, 46.0434,
9.2997

 17.8174, 7.8051,
0.0000


 96.0054, 63.2499,
15.8999


 10.9179, 3.9705,
0.0000


 122.9386, 84.2839,
25.0567

 6.0785, 1.6571,
0.0000

 154.4894,
109.5299, 37.1887

 2.9340, 0.3956,
0.0000

 191.0232,
139.3723, 52.7144


 1.1190, 0.0000,
0.0000

 232.9055,


 0.0409, 0.0000,


174.1954, 72.0524


0.0000


 280.5015,
214.3836, 95.6213


 0.0000, 0.0000,
0.0000


 39.2585, 21.5755,
2.0953

 39.2585, 21.5755,
2.0953


 39.2589, 21.5768,
2.0956

 40.3812, 23.5456,
3.3193

 42.1387, 26.4358,
5.8319

 44.6398, 30.3554,
10.0028

 47.9606, 35.3920,
16.0580

 52.1676, 41.6236,
24.1882

■ 57.3200, 49.1211,
34.5605

■ 63.4720, 57.9498,
47.3248

■ 70.6732, 68.1702,
62.6180

■ 78.9703, 79.8394,
80.5668

Harmonies

Analogous

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



47.1594, 21.5755, 13.0963



39.2585, 21.5755, 2.0953



27.1953, 21.5755, 0.0000

Triad

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



39.2585, 21.5755, 2.0953



6.6644, 21.5755, 10.0437



25.1777, 21.5755, 136.9751

Complementary

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



39.2585, 21.5755, 2.0953



38.1398, 49.4182, 95.5236

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.



15.0162, 21.5755, 132.7566



39.2585, 21.5755, 2.0953



6.4495, 21.5755, 38.3029

Square

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



39.2585, 21.5755, 2.0953



9.6837, 21.5755, 1.4565



8.9423, 21.5755, 88.0252



37.3549, 21.5755, 96.9855

Rectangle

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



39.2585, 21.5755, 2.0953



19.6480, 21.5755, 0.0000



8.9423, 21.5755, 88.0252



21.3904, 21.5755, 141.2612

Sweetspot

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



39.2590, 21.5769, 2.0956



68.2051, 62.2523, 50.8043



49.4778, 24.2222, 60.3537



13.9725, 12.4289, 9.5657



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.



39.2590, 21.5769, 2.0956



42.1954, 23.1709, 2.2485



51.7526, 46.5642, 6.2602



16.7379, 16.9599, 17.1890



20.8349, 11.5553, 1.1323



1.8964, 1.1461, 0.1213

Inverse Universe

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



38.1398, 49.4182, 95.5236



40.9870, 53.0940, 102.6957



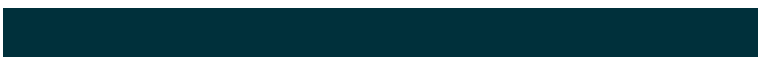
19.8309, 12.8004, 89.4207



16.7308, 18.2259, 21.1787



20.2661, 26.3260, 50.5513



1.8454, 2.4423, 4.4644

Previews

White Background



This preview shows how the XYZ color 39.2585, 21.5755, 2.0953 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 39.2585, 21.5755, 2.0953 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 39.2585, 21.5755, 2.0953

Background



This preview shows how black text looks on a background with the XYZ color 39.2585, 21.5755, 2.0953.



This preview shows how white text looks on a background with the XYZ color 39.2585, 21.5755,

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

39.2585, 21.5755, 2.0953

Protanopia

19.7617, 21.8140, 4.3973

Deuteranopia

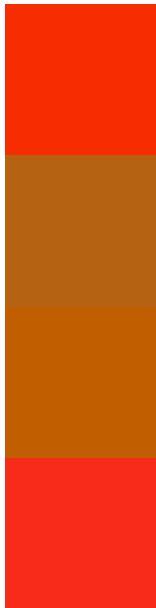
21.8598, 21.6004, 3.0172



Tritanopia

39.5687, 21.5833, 4.0880

Trichromacy



Original Color

39.2585, 21.5755, 2.0953

Protanomaly

23.7766, 18.7275, 2.9777

Deuteranomaly

25.9950, 19.3429, 2.3635

Tritanomaly

39.3971, 21.5721, 3.0071

Monochromacy



Original Color

39.2585, 21.5755, 2.0953

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

16.9309, 12.8798, 6.4442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2585, 21.5755, 2.0953 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(247, 44, 0)` looks like.

```
.text, #text, p{  
    color:rgb(247, 44, 0)  
}
```

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(247, 44, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 44, 0) }
```

Border

The CSS property to change the border of an element to XYZ 39.2585, 21.5755, 2.0953 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(247, 44, 0) }
```


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

```
.border{ border-color:rgb(247, 44, 0) }
```

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

Here you see how a box with a 4 pixel rgb(247, 44, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 44, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 44, 0);  
box-shadow:4px 4px 4px 4px rgb(247, 44, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 39.2585, 21.5755, 2.0953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 44, 0) }
```

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

```
.background{ background-color: rgb(247, 44,  
0) }
```

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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