

Converting Colors

XYZ(40.6609, 22.1849, 2.3975)

Have a look what the booklet for
XYZ(40.6609, 22.1849, 2.3975)
contains.

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Color

**XYZ(40.6609, 22.1849,
2.3975)**

Conversions

Conversions Part 1

Format	Color
Hex	FB2A09
RGB	251, 42, 9
RGB Percent	98%, 16%, 4%
CMY	0.0157, 0.8352, 0.9647
CMYK	0.00, 0.83, 0.96, 0.02
HSL	8°, 97%, 51%
HSV	8°, 96%, 98%
XYZ	40.6609, 22.1849, 2.3975
YIQ	100.7290, 135.1570, 34.0450

Conversions

Conversions Part 2

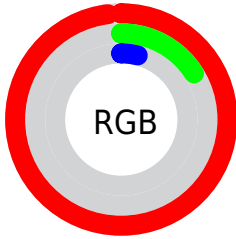
Format	Color
RYB	251, 47, 9
Decimal	16460297
CIELab	54.22, 74.06, 65.02
CIElCh	54, 98.552, 41.278
Yxy	22.1849, 0.6232, 0.3400
Android (android.graphics.Color)	4294650377 (0xFFFB2A09)
YUV	100.7290, -45.2224, 131.7877
Hunter-Lab	47.1008, 71.6678, 29.9526

Details

The XYZ color **40.6609, 22.1849, 2.3975** 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 **42.5910, 57.1549, 100.0531**, and the grayscale version is **12.3910, 13.0363, 14.1965**.

A 20% lighter version of the original color is **47.7701, 32.7935, 8.8130**, and **19.7672, 10.1903, 0.9251** is the 20% darker color. If you saturate the color by 10%, you get **40.3624, 21.6673, 2.0549**, and if you desaturate by 10%, it is **41.8899, 24.2579, 3.9955**.

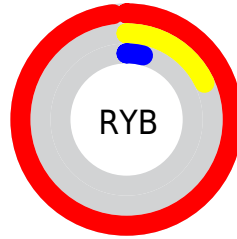
Distribution



Red (98%)

Green (16%)

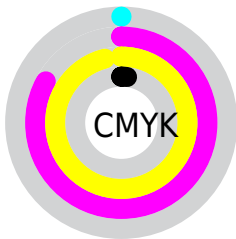
Blue (4%)



Red (98%)

Yellow (18%)

Blue (4%)

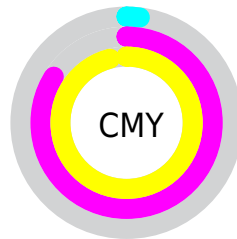


Cyan (0%)

Magenta (83%)

Yellow (96%)

Black (2%)



Cyan (2%)


Magenta (84%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6609, 22.1849, 2.3975 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 40.6609, 22.1849, 2.3975 by changing the saturation by 10% instead.


 40.6609, 22.1849,
2.3975


 40.6609, 22.1849,
2.3975


339.9882,
263.5103, 128.2723


 28.2407, 13.9928,
0.7851


 75.4468, 47.0514,
10.1015

 18.6486, 8.1157,
0.0000


 98.5433, 64.4946,
17.0411

 11.5191, 4.1691,
0.0000


 125.9292, 85.7904,
26.5971

 6.4870, 1.7686,
0.0000

 157.9699,
111.3230, 39.1881

 3.1869, 0.4675,
0.0000

 195.0308,
141.4769, 55.2325

 1.2533, 0.0000,
0.0000


 237.4773,


 0.1479, 0.0000,


176.6365, 75.1490


0.0000


 285.6746,
217.1862, 99.3561


 0.0000, 0.0000,
0.0000


 40.6609, 22.1849,
2.3975


 40.6609, 22.1849,
2.3975


 40.3624, 21.6673,
2.0549

 41.8899, 24.2579,
3.9955

 43.8559, 27.3827,
7.1392

 46.6581, 31.6792,
12.1052

 50.3791, 37.2494,
19.1163

 55.0914, 44.1842,
28.3630

60.8601, 52.5660,
40.0140

67.7445, 62.4707,
54.2216

75.7997, 73.9689,
71.1256

85.0770, 87.1266,
90.8558

Harmonies

Analogous

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



48.4208, 22.1849, 14.3582



40.6609, 22.1849, 2.3975



28.4119, 22.1849, 0.0105

Triad

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



40.6609, 22.1849, 2.3975



6.9763, 22.1849, 9.7384



25.3762, 22.1849, 140.4683

Complementary

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



40.6609, 22.1849, 2.3975



42.5910, 57.1549, 100.0531

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.



15.1420, 22.1849, 134.1564



40.6609, 22.1849, 2.3975



6.6505, 22.1849, 37.6261

Square

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



40.6609, 22.1849, 2.3975



10.2079, 22.1849, 1.4140



9.0861, 22.1849, 87.7081



37.8016, 22.1849, 101.1313

Rectangle

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



40.6609, 22.1849, 2.3975



20.6299, 22.1849, 0.0000



9.0861, 22.1849, 87.7081



21.5490, 22.1849, 144.1360

Sweetspot

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



40.6614, 22.1863, 2.3978



68.2471, 61.9211, 52.0979



52.6320, 25.8049, 69.0403



13.9530, 12.3119, 9.7994



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.



40.6614, 22.1863, 2.3978



41.8350, 22.4500, 2.1283



52.8000, 46.4636, 6.4440



17.4356, 17.6070, 17.9419



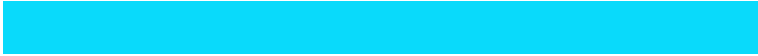
21.2758, 11.5082, 1.0999



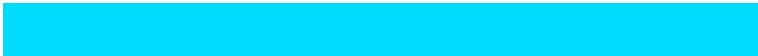
2.0274, 1.1797, 0.1209

Inverse Universe

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



42.5910, 57.1549, 100.0531



43.6972, 58.5143, 103.5991



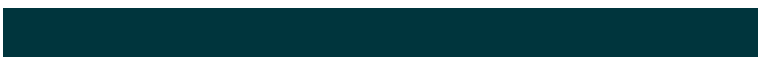
21.8680, 15.7088, 93.1454



17.5520, 19.1809, 22.1625



22.2415, 29.8385, 52.5607



2.1139, 2.8716, 4.8860

Previews

White Background



This preview shows how the XYZ color 40.6609, 22.1849, 2.3975 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 40.6609, 22.1849, 2.3975 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 40.6609, 22.1849, 2.3975

Background



This preview shows how black text looks on a background with the XYZ color 40.6609, 22.1849, 2.3975.



This preview shows how white text looks on a background with the XYZ color 40.6609, 22.1849,

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

40.6609, 22.1849, 2.3975

Protanopia

20.1112, 22.1861, 4.6612

Deuteranopia

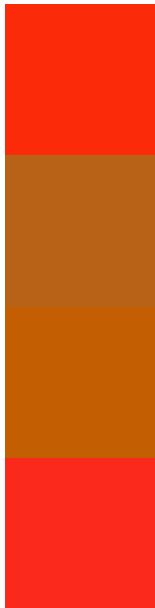
22.5175, 22.3078, 3.1190



Tritanopia

40.8764, 22.1604, 3.8732

Trichromacy



Original Color

40.6609, 22.1849, 2.3975

Protanomaly

24.2997, 18.9917, 3.2492

Deuteranomaly

26.7841, 19.7477, 2.4862

Tritanomaly

40.7744, 22.1742, 3.1679

Monochromacy



Original Color

40.6609, 22.1849, 2.3975

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

17.6224, 13.2226, 7.0923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6609, 22.1849, 2.3975 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(251, 42, 9)` looks like.

```
.text, #text, p{  
    color:rgb(251, 42, 9)  
}
```

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(251, 42, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 42, 9) }
```

Border

The CSS property to change the border of an element to XYZ 40.6609, 22.1849, 2.3975 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(251, 42, 9) }
```


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

```
.border{ border-color:rgb(251, 42, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 42, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 42, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 42, 9);  
box-shadow:4px 4px 4px 4px rgb(251, 42, 9)  
}
```

Background

The CSS property to change the background color of an element to XYZ 40.6609, 22.1849, 2.3975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 42, 9) }
```

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

```
.background{ background-color: rgb(251, 42,  
9) }
```

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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