

Converting Colors

XYZ(41.0338, 21.7154, 4.5114)

Have a look what the booklet for
XYZ(41.0338, 21.7154, 4.5114)
contains.

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Color

**XYZ(41.0338, 21.7154,
4.5114)**

Conversions

Conversions Part 1

Format	Color
Hex	FC1C2D
RGB	252, 28, 45
RGB Percent	99%, 11%, 18%
CMY	0.0118, 0.8901, 0.8235
CMYK	0.00, 0.89, 0.82, 0.01
HSL	355°, 97%, 55%
HSV	355°, 89%, 99%
XYZ	41.0338, 21.7154, 4.5114
YIQ	96.9140, 128.0470, 52.7750

Conversions

Conversions Part 2

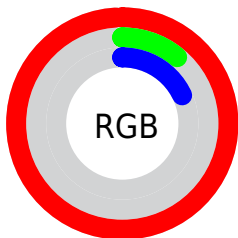
Format	Color
RYB	252, 28, 45
Decimal	16522285
CIELab	53.72, 77.36, 51.01
CIELCh	54, 92.663, 33.398
Yxy	21.7154, 0.6101, 0.3229
Android (android.graphics.Color)	4294712365 (0xFFFC1C2D)
YUV	96.9140, -25.5936, 136.0104
Hunter-Lab	46.5998, 75.6299, 26.8799

Details

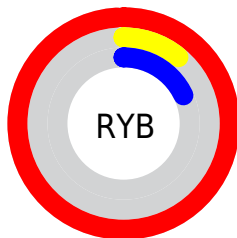
The XYZ color **41.0338, 21.7154, 4.5114** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **50.2897, 75.8675, 90.6135**, and the grayscale version is **11.3839, 11.9767, 13.0426**.

A 20% lighter version of the original color is **48.1661, 31.9509, 13.9844**, and **20.0076, 10.3143, 0.9363** is the 20% darker color. If you saturate the color by 10%, you get **40.3174, 20.8136, 2.6369**, and if you desaturate by 10%, it is **42.4806, 23.6836, 7.8480**.

Distribution



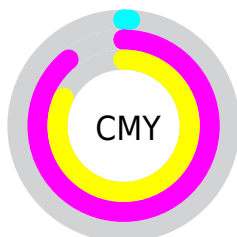
- Red (99%)
- Green (11%)
- Blue (18%)



- Red (99%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (89%)
- Yellow (82%)
- Black (1%)





- Cyan (1%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0338, 21.7154, 4.5114 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 41.0338, 21.7154, 4.5114 by changing the saturation by 10% instead.

 41.0338, 21.7154,
4.5114


 41.0338, 21.7154,
4.5114


341.5220,
261.0564, 153.7505

 28.5333, 13.6479,
1.9099


 76.0096, 46.2752,
15.1730

 18.8705, 7.8762,
0.4990


 99.2156, 63.5362,
24.0702

 11.6802, 4.0158,
0.0000


 126.7207, 84.6307,
35.9030

 6.5970, 1.6824,
0.0000

 158.8905,
109.9428, 51.0900

 3.2554, 0.4122,
0.0000

 196.0901,
139.8570, 70.0497

 1.2902, 0.0000,
0.0000

 238.6850,

 0.1759, 0.0000,

174.7578, 93.2006

0.0000

287.0405,
215.0294, 120.9614

■ 0.0000, 0.0000,
0.0000

■ 41.0338, 21.7154,
4.5114

■ 41.0338, 21.7154,
4.5114

■ 40.3174, 20.8136,
2.6369

■ 42.4806, 23.6836,
7.8480

■ 40.2629, 20.7426,
2.5019

■ 44.8133, 26.9710,
12.8737

■ 48.1451, 31.7567,
19.7734

■ 52.5719, 38.1911,
28.7075

■ 58.1785, 46.4061,
39.8193

■ 65.0411, 56.5202,
53.2391

■ 73.2295, 68.6420,
69.0868

■ 82.8087, 82.8717,
87.4741

■ 93.8390, 99.3028,
108.5058

Harmonies

Analogous

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



46.1656, 21.7154, 20.5494



41.0338, 21.7154, 4.5114



30.4235, 21.7154, 0.6833

Triad

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



41.0338, 21.7154, 4.5114



7.8430, 21.7154, 6.6392



21.7922, 21.7154, 130.9959

Complementary

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



41.0338, 21.7154, 4.5114



50.2897, 75.8675, 90.6135

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.



13.2168, 21.7154, 113.9699



41.0338, 21.7154, 4.5114



6.8458, 21.7154, 27.0355

Square

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



41.0338, 21.7154, 4.5114



11.8135, 21.7154, 1.0710



8.4517, 21.7154, 68.3179



33.0334, 21.7154, 104.9702

Rectangle

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



41.0338, 21.7154, 4.5114



22.9136, 21.7154, 0.0404



8.4517, 21.7154, 68.3179



18.5217, 21.7154, 130.1634

Sweetspot

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



41.0343, 21.7168, 4.5117



68.2749, 60.2188, 57.5268



51.7004, 25.2403, 94.2418



14.0476, 12.0531, 11.2124



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.



41.0343, 21.7168, 4.5117



41.3603, 21.3081, 2.5635



47.2347, 34.5396, 5.2779



17.2980, 17.2465, 18.1588



20.9932, 10.8130, 1.4068



1.9622, 1.0086, 0.2244

Inverse Universe

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



41.0343, 21.7168, 4.5117



41.3603, 21.3081, 2.5635



30.3934, 31.9617, 96.6621



17.2980, 17.2465, 18.1588



20.9932, 10.8130, 1.4068



1.9622, 1.0086, 0.2244

Previews

White Background



This preview shows how the XYZ color 41.0338, 21.7154, 4.5114 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 41.0338, 21.7154, 4.5114 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 41.0338, 21.7154, 4.5114

Background



This preview shows how black text looks on a background with the XYZ color 41.0338, 21.7154, 4.5114.



This preview shows how white text looks on a background with the XYZ color 41.0338, 21.7154,

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

41.0338, 21.7154, 4.5114

Protanopia

20.1111, 21.8935, 8.9603

Deuteranopia

22.2086, 21.7635, 3.7893



Tritanopia

40.8478, 21.8031, 3.0328

Trichromacy



Original Color

41.0338, 21.7154, 4.5114

Protanomaly

23.9609, 17.9363, 6.6141

Deuteranomaly

26.2297, 18.6753, 3.4505

Tritanomaly

40.9094, 21.7852, 3.4876

Monochromacy



Original Color

41.0338, 21.7154, 4.5114

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

16.8294, 11.9571, 8.6287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0338, 21.7154, 4.5114 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(252, 28, 45)` looks like.

```
.text, #text, p{  
  color:rgb(252, 28, 45)  
}
```

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(252, 28, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 28, 45) }
```

Border

The CSS property to change the border of an element to XYZ 41.0338, 21.7154, 4.5114 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(252, 28, 45) }
```


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

```
.border{ border-color:rgb(252, 28, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 28, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 28, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 28, 45);  
box-shadow:4px 4px 4px 4px rgb(252, 28,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0338, 21.7154, 4.5114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 28, 45) }
```

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

```
.background{ background-color: rgb(252, 28,  
45) }
```

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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