

Converting Colors

XYZ(41.9170, 22.6492, 3.8315)

Have a look what the booklet for
XYZ(41.9170, 22.6492, 3.8315)
contains.

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Color

**XYZ(41.9170, 22.6492,
3.8315)**

Conversions

Conversions Part 1

Format	Color
Hex	FE2724
RGB	254, 39, 36
RGB Percent	100%, 15%, 14%
CMY	0.0039, 0.8470, 0.8588
CMYK	0.00, 0.85, 0.86, 0.00
HSL	1°, 99%, 57%
HSV	1°, 86%, 100%
XYZ	41.9170, 22.6492, 3.8315
YIQ	102.9430, 129.1030, 44.6470

Conversions

Conversions Part 2

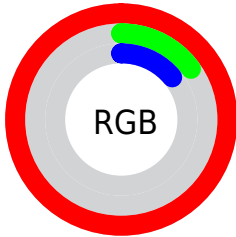
Format	Color
R_{YB}	254, 39, 36
Decimal	16656164
CIE _{Lab}	54.71, 75.81, 56.37
CIE _{LCh}	55, 94.470, 36.636
Yxy	22.6492, 0.6128, 0.3311
Android (android.graphics.Color)	4294846244 (0xFFFE2724)
YUV	102.9430, -33.0029, 132.4770
Hunter-Lab	47.5912, 73.9333, 28.5405

Details

The XYZ color **41.9170, 22.6492, 3.8315** 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 **53.1066, 76.5104, 105.7342**, and the grayscale version is **12.9405, 13.6144, 14.8261**.

A 20% lighter version of the original color is **48.3089, 32.8374, 12.1796**, and **20.4935, 10.5648, 0.9591** is the 20% darker color. If you saturate the color by 10%, you get **41.0876, 21.4073, 2.2711**, and if you desaturate by 10%, it is **43.5633, 25.0867, 7.0178**.

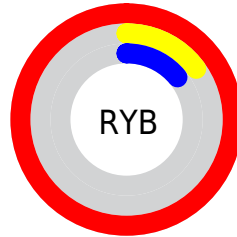
Distribution



Red (100%)

Green (15%)

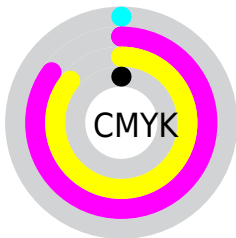
Blue (14%)



Red (100%)

Yellow (15%)

Blue (14%)

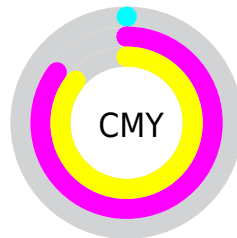


Cyan (0%)

Magenta (85%)

Yellow (86%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9170, 22.6492, 3.8315 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 41.9170, 22.6492, 3.8315 by changing the saturation by 10% instead.

 41.9170, 22.6492,
3.8315


 41.9170, 22.6492,
3.8315

345.1362,
265.9181, 146.3337


 29.2271, 14.3347,
1.5334

 77.3399, 47.8167,
13.6192


 19.3979, 8.3538,
0.2426


 100.8037, 65.4384,
21.9459

 12.0638, 4.3222,
0.0000


 128.5895, 86.9314,
33.1192

 6.8597, 1.8554,
0.0000

 161.0627,
112.6799, 47.5577

 3.4200, 0.5213,
0.0000

 198.5886,
143.0685, 65.6798

 1.3796, 0.0000,
0.0000

 241.5326,

 0.2416, 0.0000,

178.4814, 87.9041

0.0000

290.2600,
219.3032, 114.6493

0.0000, 0.0000,
0.0000

41.9170, 22.6492,
3.8315

41.9170, 22.6492,
3.8315

41.0876, 21.4073,
2.2711

43.5633, 25.0867,
7.0178

40.9110, 21.1471,
1.9256

46.1672, 28.9201,
12.1230

49.8447, 34.3172,
19.3845

54.6950, 41.4214,
29.0056

60.8060, 50.3598,
41.1659

68.2573, 61.2473,
56.0277

77.1219, 74.1897,
73.7397

87.4675, 89.2849,
94.4399

94.6828, 99.8107,
108.8828

Harmonies

Analogous

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



48.1612, 22.6492, 18.6113



41.9170, 22.6492, 3.8315



30.4815, 22.6492, 0.5315

Triad

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



41.9170, 22.6492, 3.8315



7.8838, 22.6492, 8.1970



23.9247, 22.6492, 136.6838

Complementary

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



41.9170, 22.6492, 3.8315



53.1066, 76.5104, 105.7342

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.



14.5248, 22.6492, 123.6058



41.9170, 22.6492, 3.8315



7.1372, 22.6492, 31.8976

Square

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



41.9170, 22.6492, 3.8315



11.6553, 22.6492, 1.3340



9.1283, 22.6492, 77.1293



35.8184, 22.6492, 105.1991

Rectangle

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



41.9170, 22.6492, 3.8315



22.7234, 22.6492, 0.0013



9.1283, 22.6492, 77.1293



20.3741, 22.6492, 137.5795

Sweetspot

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



41.9175, 22.6506, 3.8318



68.7239, 61.5833, 56.2382



59.3929, 29.4882, 96.3267



14.1203, 12.3203, 10.8609



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.



41.9175, 22.6506, 3.8318



41.2784, 21.3368, 1.9428



51.3166, 41.4488, 6.9648



18.0296, 18.0273, 18.6737



21.5776, 11.1664, 1.0181



2.1077, 1.1008, 0.1014

Inverse Universe

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



53.1066, 76.5104, 105.7342



52.6923, 76.5047, 106.5974



28.7422, 27.7815, 97.6127



18.5320, 20.4357, 23.2177



27.5428, 39.9951, 55.7028



2.6884, 3.9075, 5.4258

Previews

White Background



This preview shows how the XYZ color 41.9170, 22.6492, 3.8315 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 41.9170, 22.6492, 3.8315 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 41.9170, 22.6492, 3.8315

Background



This preview shows how black text looks on a background with the XYZ color 41.9170, 22.6492, 3.8315.



This preview shows how white text looks on a background with the XYZ color 41.9170, 22.6492,

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

41.9170, 22.6492, 3.8315

Protanopia

20.8438, 22.9089, 7.1942

Deuteranopia

23.0595, 22.7742, 3.1805



Tritanopia

41.9170, 22.6492, 3.8315

Trichromacy



Original Color

41.9170, 22.6492, 3.8315

Protanomaly

24.9296, 19.2714, 5.3115

Deuteranomaly

27.3641, 20.0402, 2.8067

Tritanomaly

41.9170, 22.6492, 3.8315

Monochromacy



Original Color

41.9170, 22.6492, 3.8315

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

18.3805, 13.5709, 9.0478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9170, 22.6492, 3.8315 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(254, 39, 36)` looks like.

```
.text, #text, p{  
    color:rgb(254, 39, 36)  
}
```

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(254, 39, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 39, 36) }
```

Border

The CSS property to change the border of an element to XYZ 41.9170, 22.6492, 3.8315 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(254, 39, 36) }
```


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

```
.border{ border-color:rgb(254, 39, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 39, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 39, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 39, 36);  
box-shadow:4px 4px 4px 4px rgb(254, 39,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9170, 22.6492, 3.8315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 39, 36) }
```

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

```
.background{ background-color: rgb(254, 39,  
36) }
```

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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