

Converting Colors

XYZ(41.4592, 26.4254, 12.2914)

Have a look what the booklet for
XYZ(41.4592, 26.4254, 12.2914)
contains.

XYZ(41.6512, 26.5668, 12.3838)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.6512, 26.5668,
12.3838)**

Conversions

Conversions Part 1

Format	Color
Hex	F15959
RGB	241, 89, 89
RGB Percent	95%, 35%, 35%
CMY	0.0549, 0.6509, 0.6510
CMYK	0.00, 0.63, 0.63, 0.05
HSL	0°, 84%, 65%
HSV	0°, 63%, 95%
XYZ	41.6512, 26.5668, 12.3838
YIQ	134.4480, 90.5920, 32.2240

Conversions

Conversions Part 2

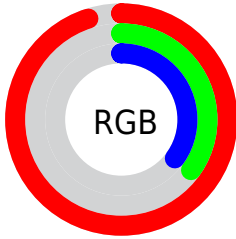
Format	Color
R_{YB}	241, 89, 89
Decimal	15817049
CIE _{Lab}	58.57, 58.35, 31.67
CIE _{LCh}	59, 66.394, 28.490
Yxy	26.5668, 0.5168, 0.3296
Android (android.graphics.Color)	4294007129 (0xFFFF15959)
YUV	134.4480, -22.4059, 93.4461
Hunter-Lab	51.5430, 54.0432, 21.8350

Details

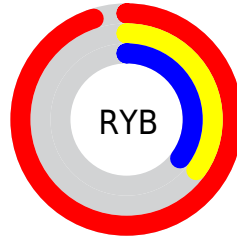
The XYZ color **41.6512, 26.5668, 12.3838** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **51.4495, 71.3798, 94.2847**, and the grayscale version is **22.8828, 24.0745, 26.2171**.

A 20% lighter version of the original color is **56.0256, 43.3749, 29.8454**, and **19.1655, 10.3782, 3.2786** is the 20% darker color. If you saturate the color by 10%, you get **39.1119, 22.8516, 7.3353**, and if you desaturate by 10%, it is **45.1790, 31.7296, 19.3957**.

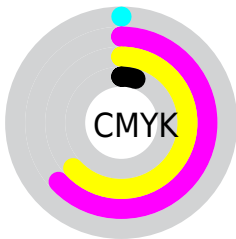
Distribution



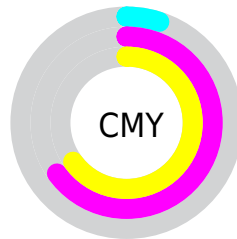
- Red (95%)
- Green (35%)
- Blue (35%)



- Red (95%)
- Yellow (35%)
- Blue (35%)



- Cyan (0%)
- Magenta (63%)
- Yellow (63%)
- Black (5%)




- Cyan (5%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6512, 26.5668, 12.3838 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 41.6512, 26.5668, 12.3838 by changing the saturation by 10% instead.


 41.6512, 26.5668,
12.3838


 41.6512, 26.5668,
12.3838


344.0513,
285.5535, 217.9972


 29.0182, 17.2481,
6.8799


 76.9399, 54.1879,
30.8670


 19.2389, 10.4116,
3.3098


 100.3264, 73.2592,
44.6834


 11.9481, 5.6727,
1.2549


 128.0280, 96.3501,
62.1077

 6.7803, 2.6471,
0.0244

 160.4101,
123.8451, 83.5585

 3.3702, 0.9504,
0.0000

 197.8382,
156.1285, 109.4543

 1.3524, 0.0000,
0.0000

240.6775,

 0.2219, 0.0000,

193.5848, 140.2137

0.0000

289.2934,
236.5983, 176.2551

■ 0.0000, 0.0000,
0.0000

■ 41.6512, 26.5668,
12.3838

■ 41.6512, 26.5668,
12.3838

■ 39.1119, 22.8516,
7.3353

■ 45.1790, 31.7296,
19.3957

■ 37.4587, 20.4323,
4.0492

■ 49.7803, 38.4627,
28.5427


■ 36.5704, 19.1323,
2.2836


■ 55.5333, 46.8810,
39.9793

■ 36.2756, 18.7010,
1.6977

■ 62.5083, 57.0875,
53.8453

■ 70.7700, 69.1767,
70.2694

 80.3787, 83.2368,
89.3711

 90.0855, 97.4407,
108.6677

Harmonies

Analogous

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



44.3450, 26.5668, 30.1237



41.6512, 26.5668, 12.3838



34.3437, 26.5668, 5.0731

Triad

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



41.6512, 26.5668, 12.3838



14.1221, 26.5668, 11.2579



24.8409, 26.5668, 100.8284

Complementary

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



41.6512, 26.5668, 12.3838



51.4495, 71.3798, 94.2847

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.



17.9240, 26.5668, 86.4202



41.6512, 26.5668, 12.3838



12.6165, 26.5668, 27.7619

Square

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



41.6512, 26.5668, 12.3838



18.4983, 26.5668, 4.7121



13.8441, 26.5668, 56.0005



33.4744, 26.5668, 88.8930

Rectangle

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



41.6512, 26.5668, 12.3838



28.5037, 26.5668, 3.4870



13.8441, 26.5668, 56.0005



22.2556, 26.5668, 98.8061

Sweetspot

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



41.6518, 26.5683, 12.3842



74.6522, 70.1523, 68.3496



55.7250, 32.1964, 86.4962



15.4242, 14.2041, 13.5274



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.



41.6518, 26.5683, 12.3842



43.7677, 24.9592, 6.9540



51.5338, 46.3323, 15.6782



15.7729, 15.7590, 16.3602



19.6716, 10.1412, 0.9206



1.6365, 0.8437, 0.0766

Inverse Universe

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



51.4495, 71.3798, 94.2847



55.7432, 79.7313, 107.0594



33.4521, 35.3850, 88.2856



16.2474, 17.9288, 20.3259



25.6651, 37.5545, 51.0239



2.1351, 3.1242, 4.2447

Previews

White Background



This preview shows how the XYZ color 41.6512, 26.5668, 12.3838 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 41.6512, 26.5668, 12.3838 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 41.6512, 26.5668, 12.3838

Background



This preview shows how black text looks on a background with the XYZ color 41.6512, 26.5668, 12.3838.



This preview shows how white text looks on a background with the XYZ color 41.6512, 26.5668,

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

41.6512, 26.5668, 12.3838

Protanopia

25.1018, 26.7549, 18.5930

Deuteranopia

27.1624, 26.6927, 11.5052



Tritanopia

41.7857, 26.4884, 13.5001

Trichromacy



Original Color

41.6512, 26.5668, 12.3838

Protanomaly

29.1250, 25.0687, 15.8741

Deuteranomaly

31.1046, 25.4673, 11.6638

Tritanomaly

41.6971, 26.4529, 13.0335

Monochromacy



Original Color

41.6512, 26.5668, 12.3838

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

26.9820, 23.1491, 20.1857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6512, 26.5668, 12.3838 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(241, 89, 89)` looks like.

```
.text, #text, p{  
  color:rgb(241, 89, 89)  
}
```

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(241, 89, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 89, 89) }
```

Border

The CSS property to change the border of an element to XYZ 41.6512, 26.5668, 12.3838 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(241, 89, 89) }
```


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

```
.border{ border-color:rgb(241, 89, 89) }
```

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

Here you see how a box with a 4 pixel rgb(241, 89, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 89, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 89, 89);  
box-shadow:4px 4px 4px 4px rgb(241, 89,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6512, 26.5668, 12.3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 89, 89) }
```

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

```
.background{ background-color: rgb(241, 89,  
89) }
```

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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