

Converting Colors

XYZ(35.4501, 21.9310, 11.7673)

Have a look what the booklet for
XYZ(35.4501, 21.9310, 11.7673)
contains.

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Color

**XYZ(35.4390, 21.8977,
11.8100)**

Conversions

Conversions Part 1

Format	Color
Hex	E14C59
RGB	225, 76, 89
RGB Percent	88%, 30%, 35%
CMY	0.1176, 0.7019, 0.6510
CMYK	0.00, 0.66, 0.60, 0.12
HSL	355°, 71%, 59%
HSV	355°, 66%, 88%
XYZ	35.4390, 21.8977, 11.8100
YIQ	122.0330, 84.6310, 35.6310

Conversions

Conversions Part 2

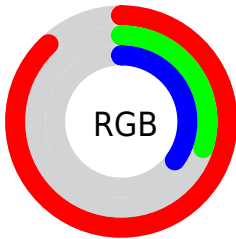
Format	Color
R_{YB}	225, 76, 89
Decimal	14765145
CIE Lab	53.92, 58.50, 25.17
CIE LCh	54, 63.687, 23.278
Yxy	21.8977, 0.5125, 0.3167
Android (android.graphics.Color)	4292955225 (0xFFE14C59)
YUV	122.0330, -16.2853, 90.3021
Hunter-Lab	46.7950, 53.2913, 17.7930

Details

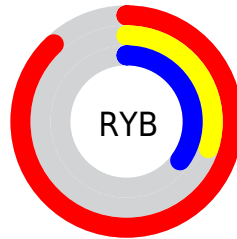
The XYZ color **35.4390, 21.8977, 11.8100** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **41.7911, 60.1411, 71.6987**, and the grayscale version is **18.5427, 19.5083, 21.2446**.

A 20% lighter version of the original color is **54.1515, 39.6266, 29.2207**, and **15.5589, 7.9684, 3.1009** is the 20% darker color. If you saturate the color by 10%, you get **33.4053, 19.0234, 7.4544**, and if you desaturate by 10%, it is **38.2561, 25.9542, 17.6138**.

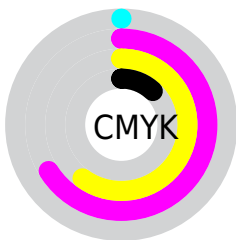
Distribution



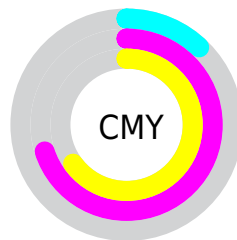
- Red (88%)
- Green (30%)
- Blue (35%)



- Red (88%)
- Yellow (30%)
- Blue (35%)



- Cyan (0%)
- Magenta (66%)
- Yellow (60%)
- Black (12%)





- Cyan (12%)
- Magenta (70%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4390, 21.8977, 11.8100 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 35.4390, 21.8977, 11.8100 by changing the saturation by 10% instead.


 35.4390, 21.8977,
11.8100


 35.4390, 21.8977,
11.8100


317.9760,
262.0116, 214.0764


 24.1693, 13.7817,
6.4935


 67.4948, 46.5769,
29.8078

 15.5847, 7.9690,
3.0738


 89.0117, 63.9089,
43.3261


 9.3197, 4.0751,
1.1324


 114.6751, 85.0817,
60.4155

 5.0091, 1.7157,
0.0000

 144.8502,
110.4797, 81.4944

 2.2874, 0.4338,
0.0000

 179.9025,
140.4873, 106.9814

 0.7882, 0.0000,
0.0000

220.1974,

 0.0000, 0.0000,

175.4889, 137.2951

0.0000

266.1001,
215.8688, 172.8539

■ 35.4390, 21.8977,
11.8100

■ 35.4390, 21.8977,
11.8100

■ 33.4053, 19.0234,
7.4544

■ 38.2561, 25.9542,
17.6138

■ 32.0734, 17.2007,
4.4177

■ 41.9242, 31.2983,
24.9776


■ 31.3459, 16.2732,
2.5494


■ 46.5050, 38.0275,
34.0034


■ 31.1742, 16.0567,
2.1004


■ 52.0544, 46.2294,
44.7841

■ 58.6236, 55.9840,
57.4060

 66.2604, 67.3656,
71.9495

 75.0092, 80.4439,
88.4903

 84.5895, 94.6388,
106.9924

 84.8613, 94.7475,
108.4232

Harmonies

Analogous

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



36.8598, 21.8977, 28.5455



35.4390, 21.8977, 11.8100



29.7417, 21.8977, 4.5693

Triad

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



35.4390, 21.8977, 11.8100



11.9272, 21.8977, 7.6336



19.3065, 21.8977, 84.5063

Complementary

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



35.4390, 21.8977, 11.8100



41.7911, 60.1411, 71.6987

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.



13.8784, 21.8977, 68.7692



35.4390, 21.8977, 11.8100



10.2668, 21.8977, 19.6873

Square

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



35.4390, 21.8977, 11.8100



16.0220, 21.8977, 3.2510



10.8930, 21.8977, 42.1115



26.4751, 21.8977, 78.1272

Rectangle

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



35.4390, 21.8977, 11.8100



24.8452, 21.8977, 2.8750



10.8930, 21.8977, 42.1115



17.2427, 21.8977, 81.4333

Sweetspot

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



35.4395, 21.8989, 11.8104



74.2731, 69.0218, 69.3712



42.7827, 24.3228, 73.6738



15.3719, 13.9932, 13.8381



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.



35.4395, 21.8989, 11.8104



43.6794, 24.3131, 8.3714



41.1048, 34.0268, 11.2405



13.7555, 13.7198, 14.4827



17.9819, 9.2598, 1.3044



1.2634, 0.6486, 0.1799

Inverse Universe

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



35.4395, 21.8989, 11.8104



43.6794, 24.3131, 8.3714



30.0998, 34.0292, 76.2158



13.7555, 13.7198, 14.4827



17.9819, 9.2598, 1.3044



1.2634, 0.6486, 0.1799

Previews

White Background



This preview shows how the XYZ color 35.4390, 21.8977, 11.8100 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 35.4390, 21.8977, 11.8100 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 35.4390, 21.8977, 11.8100

Background



This preview shows how black text looks on a background with the XYZ color 35.4390, 21.8977, 11.8100.



This preview shows how white text looks on a background with the XYZ color 35.4390, 21.8977,

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

35.4390, 21.8977, 11.8100

Protanopia

20.9282, 22.1046, 18.4928

Deuteranopia

22.4409, 22.0924, 11.0641



Tritanopia

35.2282, 21.9245, 10.3578

Trichromacy



Original Color

35.4390, 21.8977, 11.8100

Protanomaly

24.2231, 20.4762, 15.7723

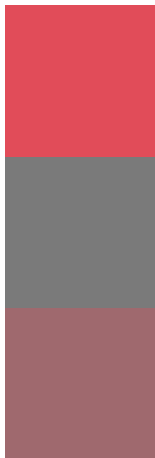
Deuteranomaly

25.9534, 20.9950, 11.2789

Tritanomaly

35.3449, 21.9712, 10.9723

Monochromacy



Original Color

35.4390, 21.8977, 11.8100

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

22.1641, 18.5999, 17.1738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4390, 21.8977, 11.8100 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(225, 76, 89)` looks like.

```
.text, #text, p{  
    color:rgb(225, 76, 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(225, 76, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 76, 89) }
```

Border

The CSS property to change the border of an element to XYZ 35.4390, 21.8977, 11.8100 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(225, 76, 89) }
```


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

```
.border{ border-color:rgb(225, 76, 89) }
```

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

Here you see how a box with a 4 pixel rgb(225, 76, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 76, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 76, 89);  
box-shadow:4px 4px 4px 4px rgb(225, 76,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4390, 21.8977, 11.8100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 76, 89) }
```

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

```
.background{ background-color: rgb(225, 76,  
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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