

Converting Colors

XYZ(35.8880, 22.4900, 9.8495)

Have a look what the booklet for
XYZ(35.8880, 22.4900, 9.8495)
contains.

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Color

**XYZ(35.8858, 22.4874,
9.8462)**

Conversions

Conversions Part 1

Format	Color
Hex	E34F4F
RGB	227, 79, 79
RGB Percent	89%, 31%, 31%
CMY	0.1098, 0.6902, 0.6902
CMYK	0.00, 0.65, 0.65, 0.11
HSL	0°, 73%, 60%
HSV	0°, 65%, 89%
XYZ	35.8858, 22.4874, 9.8462
YIQ	123.2520, 88.2080, 31.3760

Conversions

Conversions Part 2

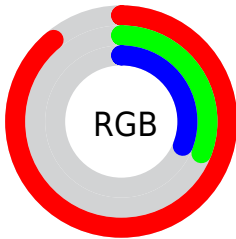
Format	Color
RYB	227, 79, 79
Decimal	14896975
CIELab	54.54, 57.33, 31.85
CIElCh	55, 65.581, 29.057
Yxy	22.4874, 0.5260, 0.3296
Android (android.graphics.Color)	4293087055 (0xFFE34F4F)
YUV	123.2520, -21.8162, 90.9870
Hunter-Lab	47.4209, 52.0935, 20.8840

Details

The XYZ color **35.8858, 22.4874, 9.8462** 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 **44.5559, 62.1410, 82.3186**, and the grayscale version is **18.9605, 19.9480, 21.7233**.

A 20% lighter version of the original color is **53.8003, 40.1465, 25.3355**, and **15.9035, 8.3102, 2.2792** is the 20% darker color. If you saturate the color by 10%, you get **33.8288, 19.4779, 5.7567**, and if you desaturate by 10%, it is **38.7845, 26.7297, 15.6078**.

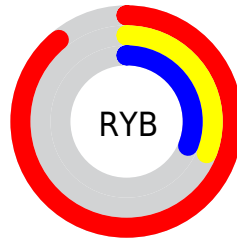
Distribution



Red (89%)

Green (31%)

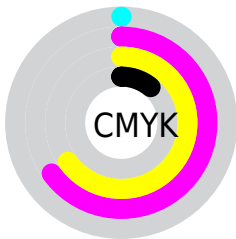
Blue (31%)



Red (89%)

Yellow (31%)

Blue (31%)

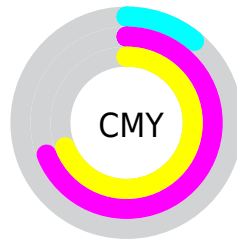


Cyan (0%)

Magenta (65%)

Yellow (65%)

Black (11%)



Cyan (11%)


Magenta (69%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8858, 22.4874, 9.8462 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 35.8858, 22.4874, 9.8462 by changing the saturation by 10% instead.


 35.8858, 22.4874,
9.8462


 35.8858, 22.4874,
9.8462


319.9011,
265.0811, 200.0156


 24.5157, 14.2155,
5.1928


 68.1808, 47.5503,
26.1091

 15.8434, 8.2707,
2.3001


 89.8364, 65.1100,
38.5557


 9.5036, 4.2686,
0.7313


 115.6512, 86.5344,
54.4371

 5.1308, 1.8249,
0.0000

 145.9906,
112.2079, 74.1719

 2.3598, 0.5026,
0.0000

 181.2200,
142.5150, 98.1786

 0.8250, 0.0000,
0.0000

221.7046,

 0.0000, 0.0000,

177.8399, 126.8758

0.0000

267.8098,
218.5672, 160.6819

■ 35.8858, 22.4874,
9.8462

■ 35.8858, 22.4874,
9.8462

■ 33.8288, 19.4779,
5.7567

■ 38.7845, 26.7297,
15.6078

■ 32.5224, 17.5660,
3.1598

■ 42.6005, 32.3137,
23.1937

■ 31.8569, 16.5921,
1.8372

■ 47.4028, 39.3407,
32.7402

■ 31.6785, 16.3311,
1.4826

■ 53.2531, 47.9015,
44.3704

■ 60.2084, 58.0790,
58.1973

■ 68.3214, 69.9506,
74.3257

■ 77.6415, 83.5884,
92.8539

■ 85.4883, 95.0708,
108.4525

Harmonies

Analogous

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



38.3985, 22.4874, 25.1429



35.8858, 22.4874, 9.8462



29.3028, 22.4874, 3.8026

Triad

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



35.8858, 22.4874, 9.8462



11.5708, 22.4874, 9.2435



21.1467, 22.4874, 89.2778

Complementary

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



35.8858, 22.4874, 9.8462



44.5559, 62.1410, 82.3186

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.



15.0218, 22.4874, 76.5894



35.8858, 22.4874, 9.8462



10.3131, 22.4874, 23.8385

Square

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



35.8858, 22.4874, 9.8462



15.3357, 22.4874, 3.6173



11.4202, 22.4874, 49.1995



28.8188, 22.4874, 77.9928

Rectangle

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



35.8858, 22.4874, 9.8462



24.1081, 22.4874, 2.5515



11.4202, 22.4874, 49.1995



18.8541, 22.4874, 87.5948

Sweetspot

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



35.8863, 22.4887, 9.8466



73.7327, 68.8069, 66.5217



48.3394, 27.4688, 75.4268



15.2457, 13.9430, 13.1726



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.



35.8863, 22.4887, 9.8466



43.3759, 24.3858, 6.1750



44.4808, 39.6777, 12.7114



14.3771, 14.3682, 14.9200



18.4752, 9.5245, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



44.5559, 62.1410, 82.3186



55.4425, 79.5756, 107.0452



28.4807, 29.9907, 76.9602



14.8074, 16.3363, 18.5171



24.1040, 35.2701, 47.9206



1.7812, 2.6064, 3.5412

Previews

White Background



This preview shows how the XYZ color 35.8858, 22.4874, 9.8462 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 35.8858, 22.4874, 9.8462 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 35.8858, 22.4874, 9.8462

Background



This preview shows how black text looks on a background with the XYZ color 35.8858, 22.4874, 9.8462.



This preview shows how white text looks on a background with the XYZ color 35.8858, 22.4874,

9.8462.

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

35.8858, 22.4874, 9.8462

Protanopia

21.1836, 22.7089, 15.0711

Deuteranopia

22.9682, 22.5957, 9.1121



Tritanopia

35.9643, 22.4042, 10.6125

Trichromacy



Original Color

35.8858, 22.4874, 9.8462

Protanomaly

24.7392, 21.1317, 12.9001

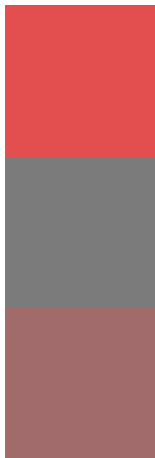
Deuteranomaly

26.3658, 21.4099, 9.2215

Tritanomaly

35.9259, 22.3889, 10.4106

Monochromacy



Original Color

35.8858, 22.4874, 9.8462

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

22.6095, 19.1540, 16.4154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8858, 22.4874, 9.8462 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(227, 79, 79)` looks like.

```
.text, #text, p{  
    color:rgb(227, 79, 79)  
}
```

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(227, 79, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 79, 79) }
```

Border

The CSS property to change the border of an element to XYZ 35.8858, 22.4874, 9.8462 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(227, 79, 79) }
```


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

```
.border{ border-color:rgb(227, 79, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 79, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 79, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 79, 79);  
box-shadow:4px 4px 4px 4px rgb(227, 79,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8858, 22.4874, 9.8462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 79, 79) }
```

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

```
.background{ background-color: rgb(227, 79,  
79) }
```

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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