

Converting Colors

XYZ(35.5940, 22.5325, 10.8607)

Have a look what the booklet for
XYZ(35.5940, 22.5325, 10.8607)
contains.

XYZ(35.5940, 22.5325, 10.8607)	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(35.5940, 22.5325,
10.8607)**

Conversions

Conversions Part 1

Format	Color
Hex	E15154
RGB	225, 81, 84
RGB Percent	88%, 32%, 33%
CMY	0.1176, 0.6823, 0.6706
CMYK	0.00, 0.64, 0.63, 0.12
HSL	359°, 71%, 60%
HSV	359°, 64%, 88%
XYZ	35.5940, 22.5325, 10.8607
YIQ	124.3980, 84.8610, 31.4610

Conversions

Conversions Part 2

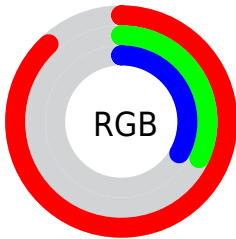
Format	Color
RYB	225, 81, 84
Decimal	14766420
CIELab	54.59, 56.14, 28.95
CIELCh	55, 63.166, 27.278
Yxy	22.5325, 0.5160, 0.3266
Android (android.graphics.Color)	4292956500 (0xFFE15154)
YUV	124.3980, -19.9162, 88.2280
Hunter-Lab	47.4684, 50.7778, 19.6624

Details

The XYZ color **35.5940, 22.5325, 10.8607** 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 **43.5050, 60.8742, 78.5697**, and the grayscale version is **19.3367, 20.3437, 22.1543**.

A 20% lighter version of the original color is **54.4887, 40.8726, 27.5716**, and **15.6413, 8.2747, 2.6922** is the 20% darker color. If you saturate the color by 10%, you get **33.4587, 19.4326, 6.5403**, and if you desaturate by 10%, it is **38.5554, 26.8508, 16.7954**.

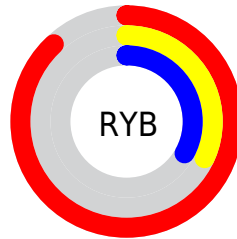
Distribution



Red (88%)

Green (32%)

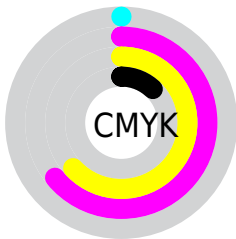
Blue (33%)



Red (88%)

Yellow (32%)

Blue (33%)

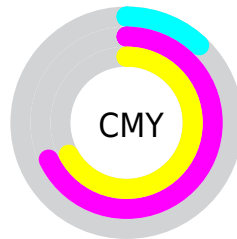


Cyan (0%)

Magenta (64%)

Yellow (63%)

Black (12%)



Cyan (12%)


Magenta (68%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5940, 22.5325, 10.8607 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 35.5940, 22.5325, 10.8607 by changing the saturation by 10% instead.


 35.5940, 22.5325,
10.8607


 35.5940, 22.5325,
10.8607


318.6448,
265.3146, 207.4124


 24.2895, 14.2487,
5.8603


 67.7329, 47.6245,
28.0350

 15.6744, 8.2938,
2.6929


 89.2980, 65.2016,
41.0459


 9.3834, 4.2835,
0.9398


 115.0140, 86.6451,
57.5641

 5.0512, 1.8334,
0.0000

 145.2462,
112.3396, 78.0080

 2.3124, 0.5079,
0.0000

 180.3601,
142.6694, 102.7963

 0.8010, 0.0000,
0.0000

220.7209,

 0.0000, 0.0000,

178.0189, 132.3474

0.0000

266.6940,
218.7725, 167.0799

■ 35.5940, 22.5325,
10.8607

■ 35.5940, 22.5325,
10.8607

■ 33.4587, 19.4326,
6.5403

■ 38.5554, 26.8508,
16.7954

■ 32.0642, 17.4225,
3.6747

■ 42.4138, 32.4917,
24.4808

■ 31.3101, 16.3519,
2.0741

■ 47.2340, 39.5525,
34.0405

■ 31.0768, 16.0177,
1.5880

■ 53.0747, 48.1202,
45.5863

■ 59.9897, 58.2751,
59.2214

■ 68.0292, 70.0917,
75.0419

■ 77.2402, 83.6396,
93.1377

■ 84.8612, 94.7475,
108.4232

Harmonies

Analogous

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



37.6941, 22.5325, 26.3935



35.5940, 22.5325, 10.8607



29.4664, 22.5325, 4.3863

Triad

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



35.5940, 22.5325, 10.8607



12.0405, 22.5325, 9.1357



20.7892, 22.5325, 85.8932

Complementary

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



35.5940, 22.5325, 10.8607



43.5050, 60.8742, 78.5697

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.



14.9849, 22.5325, 72.7487



35.5940, 22.5325, 10.8607



10.6648, 22.5325, 22.7640

Square

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



35.5940, 22.5325, 10.8607



15.8665, 22.5325, 3.8353



11.6141, 22.5325, 46.5365



28.1298, 22.5325, 76.5581

Rectangle

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



35.5940, 22.5325, 10.8607



24.4904, 22.5325, 2.9527



11.6141, 22.5325, 46.5365



18.6112, 22.5325, 83.8466

Sweetspot

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



35.5945, 22.5338, 10.8611



74.7746, 70.2002, 68.9979



46.1093, 26.5693, 73.9319



15.4530, 14.2154, 13.6798



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.



35.5945, 22.5338, 10.8611



43.6757, 24.7079, 7.1302



43.1587, 37.8457, 12.8166



13.7187, 13.7051, 14.2890



17.9132, 9.2323, 0.9429



1.2458, 0.6416, 0.0871

Inverse Universe

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



35.5945, 22.5338, 10.8611



43.6757, 24.7079, 7.1302



29.1781, 31.5728, 75.7901



13.7187, 13.7051, 14.2890



17.9132, 9.2323, 0.9429



1.2458, 0.6416, 0.0871

Previews

White Background



This preview shows how the XYZ color 35.5940, 22.5325, 10.8607 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 35.5940, 22.5325, 10.8607 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 35.5940, 22.5325, 10.8607

Background



This preview shows how black text looks on a background with the XYZ color 35.5940, 22.5325, 10.8607.



This preview shows how white text looks on a background with the XYZ color 35.5940, 22.5325,

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

35.5940, 22.5325, 10.8607

Protanopia

21.3136, 22.7415, 16.6308

Deuteranopia

22.9712, 22.5740, 10.1677



Tritanopia

35.6735, 22.5643, 11.2792

Trichromacy



Original Color

35.5940, 22.5325, 10.8607

Protanomaly

24.6404, 21.2194, 14.1063

Deuteranomaly

26.4450, 21.5837, 10.3617

Tritanomaly

35.6335, 22.5483, 11.0685

Monochromacy



Original Color

35.5940, 22.5325, 10.8607

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

22.8208, 19.4063, 17.0110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5940, 22.5325, 10.8607 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, 81, 84)` looks like.

```
.text, #text, p{  
    color:rgb(225, 81, 84)  
}
```

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, 81, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 81, 84) }
```

Border

The CSS property to change the border of an element to XYZ 35.5940, 22.5325, 10.8607 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, 81, 84) }
```


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

```
.border{ border-color:rgb(225, 81, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 81, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 81, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 81, 84);  
box-shadow:4px 4px 4px 4px rgb(225, 81,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5940, 22.5325, 10.8607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 81, 84) }
```

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

```
.background{ background-color: rgb(225, 81,  
84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor