

Converting Colors

XYZ(35.8964, 22.5635, 11.0576)

Have a look what the booklet for
XYZ(35.8964, 22.5635, 11.0576)
contains.

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Color

**XYZ(35.8724, 22.5619,
11.0585)**

Conversions

Conversions Part 1

Format	Color
Hex	E25055
RGB	226, 80, 85
RGB Percent	89%, 31%, 33%
CMY	0.1137, 0.6862, 0.6667
CMYK	0.00, 0.65, 0.62, 0.11
HSL	358°, 72%, 60%
HSV	358°, 65%, 89%
XYZ	35.8724, 22.5619, 11.0585
YIQ	124.2240, 85.4110, 32.5070

Conversions

Conversions Part 2

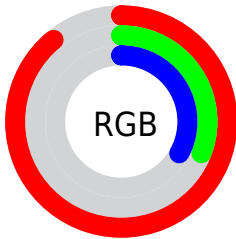
Format	Color
RYB	226, 80, 85
Decimal	14831701
CIELab	54.62, 56.95, 28.44
CIElCh	55, 63.655, 26.540
Yxy	22.5619, 0.5162, 0.3247
Android (android.graphics.Color)	4293021781 (0xFFE25055)
YUV	124.2240, -19.3374, 89.2576
Hunter-Lab	47.4994, 51.6826, 19.4460

Details

The XYZ color **35.8724, 22.5619, 11.0585** 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 **43.5574, 61.3192, 77.9521**, and the grayscale version is **19.2764, 20.2803, 22.0853**.

A 20% lighter version of the original color is **54.4173, 40.6176, 27.8935**, and **15.8243, 8.3087, 2.7772** is the 20% darker color. If you saturate the color by 10%, you get **33.7494, 19.4964, 6.7125**, and if you desaturate by 10%, it is **38.8201, 26.8494, 16.9989**.

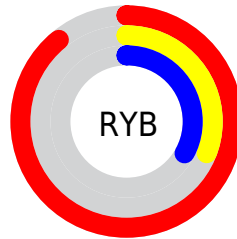
Distribution



Red (89%)

Green (31%)

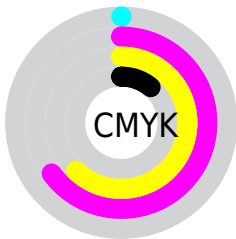
Blue (33%)



Red (89%)

Yellow (31%)

Blue (33%)

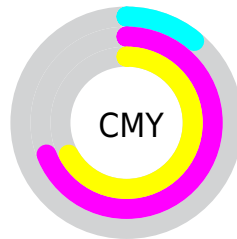


Cyan (0%)

Magenta (65%)

Yellow (62%)

Black (11%)



Cyan (11%)


Magenta (69%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8724, 22.5619, 11.0585 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 35.8724, 22.5619, 11.0585 by changing the saturation by 10% instead.

 35.8724, 22.5619,
11.0585


 35.8724, 22.5619,
11.0585


319.8435,
265.4668, 208.8203


 24.5053, 14.2704,
5.9915


 68.1602, 47.6730,
28.4066

 15.8356, 8.3089,
2.7712


 89.8117, 65.2613,
41.5248


 9.4980, 4.2933,
0.9790


 115.6220, 86.7173,
58.1638

 5.1271, 1.8389,
0.0000

 145.9565,
112.4254, 78.7422

 2.3576, 0.5113,
0.0000

 181.1805,
142.7700, 103.6785

 0.8239, 0.0000,
0.0000

221.6595,

 0.0000, 0.0000,

178.1355, 133.3913

0.0000

267.7586,
218.9063, 168.2990

■ 35.8724, 22.5619,
11.0585

■ 35.8724, 22.5619,
11.0585

■ 33.7494, 19.4964,
6.7125

■ 38.8201, 26.8494,
16.9989

■ 32.3656, 17.5221,
3.8059

■ 42.6635, 32.4646,
24.6665


■ 31.6200, 16.4855,
2.1551


■ 47.4678, 39.5061,
34.1818


■ 31.4063, 16.1856,
1.6907

■ 53.2915, 48.0620,
45.6538

■ 60.1887, 58.2136,
59.1835

 68.2096, 70.0361,
74.8645

 77.4011, 83.6000,
92.7850

 85.1739, 94.9087,
108.4378

Harmonies

Analogous

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



37.8717, 22.5619, 26.9654



35.8724, 22.5619, 11.0585



29.7502, 22.5619, 4.4035

Triad

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



35.8724, 22.5619, 11.0585



12.0648, 22.5619, 8.8576



20.6427, 22.5619, 86.5875

Complementary

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



35.8724, 22.5619, 11.0585



43.5574, 61.3192, 77.9521

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.



14.8492, 22.5619, 72.7692



35.8724, 22.5619, 11.0585



10.6235, 22.5619, 22.3134

Square

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



35.8724, 22.5619, 11.0585



15.9772, 22.5619, 3.7048



11.5199, 22.5619, 46.1172



28.0350, 22.5619, 77.6713

Rectangle

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



35.8724, 22.5619, 11.0585



24.7308, 22.5619, 2.9177



11.5199, 22.5619, 46.1172



18.4629, 22.5619, 84.3192

Sweetspot

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



35.8729, 22.5632, 11.0589



74.8546, 70.2321, 69.4188



45.7200, 26.2432, 74.6070



15.4718, 14.2229, 13.7788



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.



35.8729, 22.5632, 11.0589



43.5535, 24.4558, 7.1131



43.0456, 37.2148, 12.5055



13.7261, 13.7081, 14.3280



17.9262, 9.2375, 1.0110



1.2493, 0.6430, 0.1058

Inverse Universe

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



35.8729, 22.5632, 11.0589



43.5535, 24.4558, 7.1131



29.6599, 32.4439, 76.6503



13.7261, 13.7081, 14.3280



17.9262, 9.2375, 1.0110



1.2493, 0.6430, 0.1058

Previews

White Background



This preview shows how the XYZ color 35.8724, 22.5619, 11.0585 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 35.8724, 22.5619, 11.0585 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 35.8724, 22.5619, 11.0585

Background



This preview shows how black text looks on a background with the XYZ color 35.8724, 22.5619, 11.0585.



This preview shows how white text looks on a background with the XYZ color 35.8724, 22.5619,

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

35.8724, 22.5619, 11.0585

Protanopia

21.3653, 22.7622, 16.9031

Deuteranopia

23.0068, 22.5882, 10.3551



Tritanopia

35.8724, 22.5619, 11.0585

Trichromacy



Original Color

35.8724, 22.5619, 11.0585

Protanomaly

24.7934, 21.1281, 14.3267

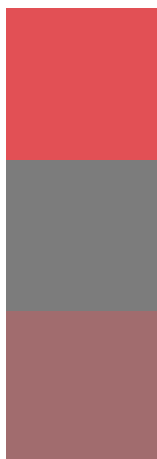
Deuteranomaly

26.4823, 21.5986, 10.5578

Tritanomaly

35.8724, 22.5619, 11.0585

Monochromacy



Original Color

35.8724, 22.5619, 11.0585

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

22.8750, 19.4280, 17.2962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8724, 22.5619, 11.0585 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(226, 80, 85)` looks like.

```
.text, #text, p{  
    color:rgb(226, 80, 85)  
}
```

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(226, 80, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 80, 85) }
```

Border

The CSS property to change the border of an element to XYZ 35.8724, 22.5619, 11.0585 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(226, 80, 85) }
```


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

```
.border{ border-color:rgb(226, 80, 85) }
```

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

Here you see how a box with a 4 pixel rgb(226, 80, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 80, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 80, 85);  
box-shadow:4px 4px 4px 4px rgb(226, 80,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8724, 22.5619, 11.0585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 80, 85) }
```

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

```
.background{ background-color: rgb(226, 80,  
85) }
```

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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