

Converting Colors

XYZ(35.7931, 22.3345, 13.4357)

Have a look what the booklet for
XYZ(35.7931, 22.3345, 13.4357)
contains.

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Color

**XYZ(35.9586, 22.4440,
13.5032)**

Conversions

Conversions Part 1

Format	Color
Hex	E14F60
RGB	225, 79, 96
RGB Percent	88%, 31%, 38%
CMY	0.1176, 0.6902, 0.6235
CMYK	0.00, 0.65, 0.57, 0.12
HSL	353°, 71%, 60%
HSV	353°, 65%, 88%
XYZ	35.9586, 22.4440, 13.5032
YIQ	124.5920, 81.5590, 36.2390

Conversions

Conversions Part 2

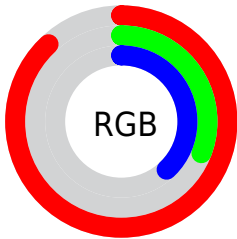
Format	Color
R_{YB}	225, 79, 96
Decimal	14765920
CIE _{Lab}	54.49, 57.77, 21.81
CIE _{LCh}	54, 61.746, 20.681
Yxy	22.4440, 0.5001, 0.3121
Android (android.graphics.Color)	4292956000 (0xFFE14F60)
YUV	124.5920, -14.0959, 88.0578
Hunter-Lab	47.3751, 52.5785, 16.2633

Details

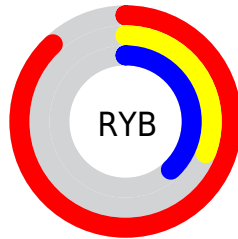
The XYZ color **35.9586, 22.4440, 13.5032** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **41.5364, 60.0673, 69.0846**, and the grayscale version is **19.3836, 20.3931, 22.2081**.

A 20% lighter version of the original color is **55.0923, 40.6633, 32.1392**, and **15.9724, 8.2965, 3.7772** is the 20% darker color. If you saturate the color by 10%, you get **33.7988, 19.4089, 8.8241**, and if you desaturate by 10%, it is **38.8999, 26.6722, 19.5849**.

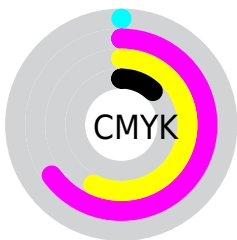
Distribution



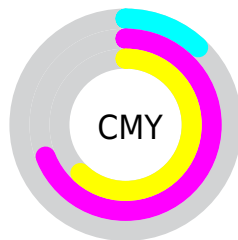
- Red (88%)
- Green (31%)
- Blue (38%)



- Red (88%)
- Yellow (31%)
- Blue (38%)



- Cyan (0%)
- Magenta (65%)
- Yellow (57%)
- Black (12%)




- Cyan (12%)
- Magenta (69%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9586, 22.4440, 13.5032 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 35.9586, 22.4440, 13.5032 by changing the saturation by 10% instead.

 35.9586, 22.4440,
13.5032

 35.9586, 22.4440,
13.5032

320.2140,
264.8563, 225.4378


 24.5722, 14.1835,
7.6412


 68.2924, 47.4787,
32.9092


 15.8856, 8.2484,
3.7818


 89.9706, 65.0218,
47.2903


 9.5336, 4.2543,
1.5064


 115.8100, 86.4278,
65.3482

 5.1507, 1.8168,
0.2227

 146.1761,
112.0812, 87.5013

 2.3716, 0.4976,
0.0000

 181.4342,
142.3663, 114.1683

 0.8309, 0.0000,
0.0000

221.9496,

 0.0000, 0.0000,

177.6676, 145.7677

0.0000

268.0877,
218.3695, 182.7181

■ 35.9586, 22.4440,
13.5032

■ 35.9586, 22.4440,
13.5032

■ 33.7988, 19.4089,
8.8241

■ 38.8999, 26.6722,
19.5849

■ 32.3431, 17.4399,
5.4335

■ 42.6870, 32.1958,
27.1689

■ 31.5007, 16.3882,
3.2008

■ 47.3793, 39.1107,
36.3467

■ 31.2397, 16.0829,
2.4461

■ 53.0304, 47.5025,
47.2024

■ 59.6895, 57.4499,
59.8141

67.4027, 69.0261,
74.2549

76.2131, 82.2996,
90.5939

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.



36.9107, 22.4440, 30.9786



35.9586, 22.4440, 13.5032



30.6792, 22.4440, 5.4650

Triad

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



35.9586, 22.4440, 13.5032



12.7703, 22.4440, 7.6198



19.2950, 22.4440, 82.6938

Complementary

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



35.9586, 22.4440, 13.5032



41.5364, 60.0673, 69.0846

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.



14.1076, 22.4440, 66.0584



35.9586, 22.4440, 13.5032



10.9007, 22.4440, 18.8891

Square

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



35.9586, 22.4440, 13.5032



17.0613, 22.4440, 3.5305



11.3322, 22.4440, 40.0919



26.2625, 22.4440, 78.4666

Rectangle

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



35.9586, 22.4440, 13.5032



25.9304, 22.4440, 3.4478



11.3322, 22.4440, 40.0919



17.3128, 22.4440, 79.1273

Sweetspot

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



35.9591, 22.4453, 13.5036



75.3515, 70.4309, 72.0355



42.3904, 24.4346, 73.7159



15.5890, 14.2698, 14.3963



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.



35.9591, 22.4453, 13.5036



44.0794, 24.6662, 9.8827



41.1228, 33.8922, 11.7733



13.7718, 13.7263, 14.5684



18.0238, 9.2765, 1.5250



1.2712, 0.6517, 0.2207

Inverse Universe

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



35.9591, 22.4453, 13.5036



44.0794, 24.6662, 9.8827



31.0105, 35.4884, 76.4493



13.7718, 13.7263, 14.5684



18.0238, 9.2765, 1.5250



1.2712, 0.6517, 0.2207

Previews

White Background



This preview shows how the XYZ color 35.9586, 22.4440, 13.5032 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 35.9586, 22.4440, 13.5032 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 35.9586, 22.4440, 13.5032

Background



This preview shows how black text looks on a background with the XYZ color 35.9586, 22.4440, 13.5032.



This preview shows how white text looks on a background with the XYZ color 35.9586, 22.4440,

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

35.9586, 22.4440, 13.5032

Protanopia

21.5261, 22.5556, 20.9884

Deuteranopia

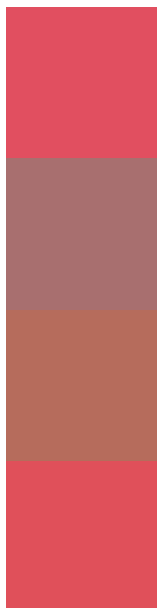
23.0414, 22.5566, 12.5906



Tritanopia

35.3626, 22.4040, 11.2647

Trichromacy



Original Color

35.9586, 22.4440, 13.5032

Protanomaly

24.7021, 20.8414, 17.7598

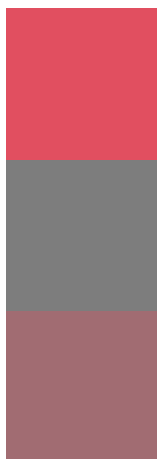
Deuteranomaly

26.5857, 21.4429, 12.8629

Tritanomaly

35.4546, 22.3228, 12.1129

Monochromacy



Original Color

35.9586, 22.4440, 13.5032

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

23.0978, 19.5171, 18.4694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9586, 22.4440, 13.5032 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, 79, 96)` looks like.

```
.text, #text, p{  
    color:rgb(225, 79, 96)  
}
```

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, 79, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 79, 96) }
```

Border

The CSS property to change the border of an element to XYZ 35.9586, 22.4440, 13.5032 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, 79, 96) }
```


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

```
.border{ border-color:rgb(225, 79, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 79, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 79, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 79, 96);  
box-shadow:4px 4px 4px 4px rgb(225, 79,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9586, 22.4440, 13.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 79, 96) }
```

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

```
.background{ background-color: rgb(225, 79,  
96) }
```

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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