

Converting Colors

XYZ(36.3378, 22.6876, 12.5434)

Have a look what the booklet for
XYZ(36.3378, 22.6876, 12.5434)
contains.

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Color

**XYZ(36.4063, 22.6956,
12.5871)**

Conversions

Conversions Part 1

Format	Color
Hex	E34F5C
RGB	227, 79, 92
RGB Percent	89%, 31%, 36%
CMY	0.1098, 0.6902, 0.6392
CMYK	0.00, 0.65, 0.59, 0.11
HSL	355°, 73%, 60%
HSV	355°, 65%, 89%
XYZ	36.4063, 22.6956, 12.5871
YIQ	124.7340, 84.0350, 35.4190

Conversions

Conversions Part 2

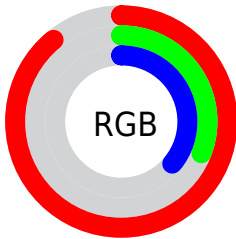
Format	Color
R_{YB}	227, 79, 92
Decimal	14896988
CIE Lab	54.76, 58.13, 24.57
CIE LCh	55, 63.109, 22.910
Yxy	22.6956, 0.5078, 0.3166
Android (android.graphics.Color)	4293087068 (0xFFE34F5C)
YUV	124.7340, -16.1379, 89.6873
Hunter-Lab	47.6399, 53.0395, 17.6827

Details

The XYZ color **36.4063, 22.6956, 12.5871** 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 **42.8328, 61.4560, 73.2286**, and the grayscale version is **19.4375, 20.4497, 22.2698**.

A 20% lighter version of the original color is **54.7865, 40.5409, 30.5288**, and **16.0862, 8.3485, 3.3484** is the 20% darker color. If you saturate the color by 10%, you get **34.2544, 19.6480, 7.9978**, and if you desaturate by 10%, it is **39.3655, 26.9623, 18.6662**.

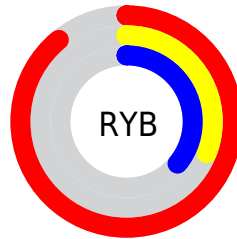
Distribution



Red (89%)

Green (31%)

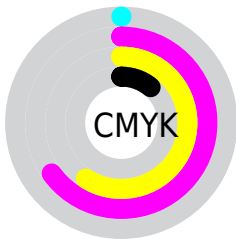
Blue (36%)



Red (89%)

Yellow (31%)

Blue (36%)

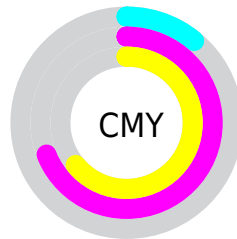


Cyan (0%)

Magenta (65%)

Yellow (59%)

Black (11%)



Cyan (11%)


Magenta (69%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4063, 22.6956, 12.5871 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 36.4063, 22.6956, 12.5871 by changing the saturation by 10% instead.


 36.4063, 22.6956,
12.5871


 36.4063, 22.6956,
12.5871

322.1333,
266.1577, 219.3683


 24.9197, 14.3689,
7.0175


 68.9785, 47.8930,
31.2402


 16.1457, 8.3777,
3.3944


 90.7948, 65.5325,
45.1608


 9.7188, 4.3376,
1.2994


 116.7851, 87.0451,
62.7021

 5.2737, 1.8641,
0.0613

 147.3147,
112.8151, 84.2826

 2.4452, 0.5267,
0.0000

 182.7489,
143.2270, 110.3210

 0.8677, 0.0000,
0.0000

223.4532,

 0.0000, 0.0000,

178.6651, 141.2357

0.0000

269.7929,
219.5139, 177.4453

■ 36.4063, 22.6956,
12.5871

■ 36.4063, 22.6956,
12.5871

■ 34.2544, 19.6480,
7.9978

■ 39.3655, 26.9623,
18.6662

■ 32.8278, 17.6881,
4.7683

■ 43.1999, 32.5539,
26.3477

■ 32.0298, 16.6612,
2.7480

■ 47.9721, 39.5695,
35.7347

■ 31.8040, 16.3810,
2.1440

■ 53.7386, 48.0973,
46.9212

■ 60.5512, 58.2187,
59.9946

■ 68.4584, 70.0089,
75.0364

■ 77.5055, 83.5387,
92.1233

■ 85.4884, 95.0708,
108.4525

Harmonies

Analogous

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



37.7753, 22.6956, 29.7539



36.4063, 22.6956, 12.5871



30.6967, 22.6956, 5.0072

Triad

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



36.4063, 22.6956, 12.5871



12.5559, 22.6956, 8.0487



19.9605, 22.6956, 85.6481

Complementary

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



36.4063, 22.6956, 12.5871



42.8328, 61.4560, 73.2286

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.



14.4617, 22.6956, 69.6631



36.4063, 22.6956, 12.5871



10.8249, 22.6956, 20.2739

Square

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



36.4063, 22.6956, 12.5871



16.7673, 22.6956, 3.5453



11.4386, 22.6956, 42.8490



27.2155, 22.6956, 79.5426

Rectangle

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



36.4063, 22.6956, 12.5871



25.7508, 22.6956, 3.1927



11.4386, 22.6956, 42.8490



17.8707, 22.6956, 82.4814

Sweetspot

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



36.4068, 22.6969, 12.5875



74.2768, 69.0233, 69.3906



43.8709, 25.1662, 75.2179



15.3728, 13.9935, 13.8426



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.



36.4068, 22.6969, 12.5875



43.8803, 24.5866, 8.8341



42.2080, 35.1315, 11.9554



14.4281, 14.3884, 15.1888



18.5661, 9.5607, 1.3442



1.3898, 0.7136, 0.1931

Inverse Universe

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



36.4068, 22.6969, 12.5875



43.8803, 24.5866, 8.8341



31.0567, 35.1415, 77.8187



14.4281, 14.3884, 15.1888



18.5661, 9.5607, 1.3442



1.3898, 0.7136, 0.1931

Previews

White Background



This preview shows how the XYZ color 36.4063, 22.6956, 12.5871 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 36.4063, 22.6956, 12.5871 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 36.4063, 22.6956, 12.5871

Background



This preview shows how black text looks on a background with the XYZ color 36.4063, 22.6956, 12.5871.



This preview shows how white text looks on a background with the XYZ color 36.4063, 22.6956,

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

36.4063, 22.6956, 12.5871

Protanopia

21.6920, 22.8737, 19.4914

Deuteranopia

23.2011, 22.8467, 11.7814



Tritanopia

36.1869, 22.7241, 11.0733

Trichromacy



Original Color

36.4063, 22.6956, 12.5871

Protanomaly

25.0256, 21.1959, 16.6821

Deuteranomaly

26.7585, 21.7091, 12.0125

Tritanomaly

36.3087, 22.7728, 11.7144

Monochromacy



Original Color

36.4063, 22.6956, 12.5871

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

23.2435, 19.5988, 18.1807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4063, 22.6956, 12.5871 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, 92)` looks like.

```
.text, #text, p{  
    color:rgb(227, 79, 92)  
}
```

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, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 79, 92) }
```

Border

The CSS property to change the border of an element to XYZ 36.4063, 22.6956, 12.5871 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, 92) }
```


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

```
.border{ border-color:rgb(227, 79, 92) }
```

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, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 79, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 79, 92);  
box-shadow:4px 4px 4px 4px rgb(227, 79,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4063, 22.6956, 12.5871 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, 92) }
```

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

```
.background{ background-color: rgb(227, 79,  
92) }
```

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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