

Converting Colors

XYZ(34.8012, 19.6035, 8.6855)

Have a look what the booklet for
XYZ(34.8012, 19.6035, 8.6855)
contains.

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Color

**XYZ(34.8111, 19.6220,
8.6093)**

Conversions

Conversions Part 1

Format	Color
Hex	E5344B
RGB	229, 52, 75
RGB Percent	90%, 20%, 29%
CMY	0.1020, 0.7960, 0.7059
CMYK	0.00, 0.77, 0.67, 0.10
HSL	352°, 77%, 55%
HSV	352°, 77%, 90%
XYZ	34.8111, 19.6220, 8.6093
YIQ	107.5450, 98.1090, 44.6770

Conversions

Conversions Part 2

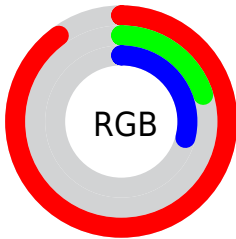
Format	Color
R_{YB}	229, 52, 75
Decimal	15021131
CIE _{Lab}	51.41, 67.19, 30.38
CIE _{LCh}	51, 73.736, 24.329
Yxy	19.6220, 0.5522, 0.3113
Android (android.graphics.Color)	4293211211 (0xFFE5344B)
YUV	107.5450, -16.0447, 106.5160
Hunter-Lab	44.2967, 62.7570, 19.4844

Details

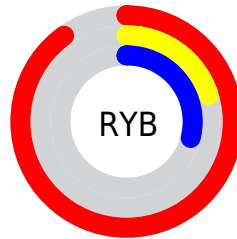
The XYZ color **34.8111, 19.6220, 8.6093** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **40.5782, 61.2256, 68.0799**, and the grayscale version is **14.1525, 14.8895, 16.2147**.

A 20% lighter version of the original color is **50.8954, 34.7499, 23.0937**, and **15.9732, 8.2059, 2.0383** is the 20% darker color. If you saturate the color by 10%, you get **33.4465, 17.8188, 5.3004**, and if you desaturate by 10%, it is **36.8854, 22.5033, 13.2084**.

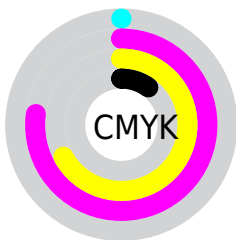
Distribution



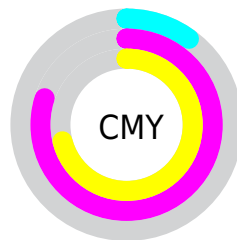
- Red (90%)
- Green (20%)
- Blue (29%)



- Red (90%)
- Yellow (20%)
- Blue (29%)



- Cyan (0%)
- Magenta (77%)
- Yellow (67%)
- Black (10%)





- Cyan (10%)
- Magenta (80%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8111, 19.6220, 8.6093 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 34.8111, 19.6220, 8.6093 by changing the saturation by 10% instead.


 34.8111, 19.6220,
8.6093


 34.8111, 19.6220,
8.6093


315.2564,
249.8614, 190.5454


 23.6832, 12.1206,
4.3939


 66.5290, 42.7825,
23.7101

 15.2223, 6.8258,
1.8438


 87.8497, 59.2104,
35.4327

 9.0629, 3.3534,
0.4566


 113.2988, 79.3826,
50.4946

 4.8396, 1.3189,
0.0000

 143.2415,
103.6834, 69.3146

 2.1873, 0.1558,
0.0000

 178.0433,
132.4973, 92.3112

 0.7360, 0.0000,
0.0000

218.0694,

 0.0000, 0.0000,

166.2087, 119.9028

0.0000

263.6854,
205.2019, 152.5080

■ 34.8111, 19.6220,
8.6093

■ 34.8111, 19.6220,
8.6093

■ 33.4465, 17.8188,
5.3004

■ 36.8854, 22.5033,
13.2084

■ 32.6860, 16.9151,
3.1439


■ 39.7492, 26.5929,
19.2130


■ 32.5440, 16.7503,
2.7290


■ 43.4731, 32.0063,
26.7263


■ 48.1193, 38.8443,
35.8415

■ 53.7442, 47.1982,
46.6444

 60.3998, 57.1515,
59.2144

 68.1340, 68.7816,
73.6259

 76.9923, 82.1610,
89.9493

 86.0156, 95.3550,
107.9171

Harmonies

Analogous

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



36.6487, 19.6220, 25.6409



34.8111, 19.6220, 8.6093



28.2161, 19.6220, 2.4311

Triad

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



34.8111, 19.6220, 8.6093



9.3297, 19.6220, 5.3429



17.2818, 19.6220, 92.7575

Complementary

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



34.8111, 19.6220, 8.6093



40.5782, 61.2256, 68.0799

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.



11.5349, 19.6220, 74.3537



34.8111, 19.6220, 8.6093



7.7883, 19.6220, 17.5931

Square

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



34.8111, 19.6220, 8.6093



13.3907, 19.6220, 1.6043



8.4731, 19.6220, 42.8786



25.1327, 19.6220, 83.9697

Rectangle

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



34.8111, 19.6220, 8.6093



22.7546, 19.6220, 1.2588



8.4731, 19.6220, 42.8786



15.0715, 19.6220, 89.3079

Sweetspot

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



34.8116, 19.6232, 8.6096



71.9541, 65.2560, 65.9095



40.6591, 21.1507, 76.0678



14.7684, 13.0228, 12.9073



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.



34.8116, 19.6232, 8.6096



42.0009, 21.9066, 4.8819



39.2837, 29.6073, 6.8948



14.4528, 14.3983, 15.3189



18.6315, 9.5868, 1.6887



1.4015, 0.7183, 0.2550

Inverse Universe

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



34.8116, 19.6232, 8.6096



42.0009, 21.9066, 4.8819



28.8539, 32.9760, 78.9725



14.4528, 14.3983, 15.3189



18.6315, 9.5868, 1.6887



1.4015, 0.7183, 0.2550

Previews

White Background



This preview shows how the XYZ color 34.8111, 19.6220, 8.6093 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 34.8111, 19.6220, 8.6093 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 34.8111, 19.6220, 8.6093

Background



This preview shows how black text looks on a background with the XYZ color 34.8111, 19.6220, 8.6093.



This preview shows how white text looks on a background with the XYZ color 34.8111, 19.6220,

8.6093.

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

34.8111, 19.6220, 8.6093

Protanopia

18.6872, 19.8711, 15.4210

Deuteranopia

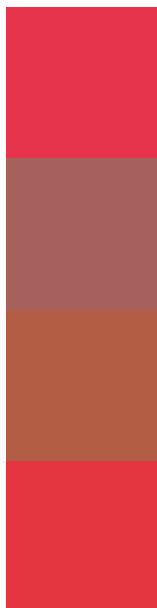
20.0779, 19.6835, 7.7421



Tritanopia

34.0996, 19.5218, 5.8417

Trichromacy



Original Color

34.8111, 19.6220, 8.6093

Protanomaly

21.9323, 17.4291, 12.3334

Deuteranomaly

23.5789, 17.8421, 7.8313

Tritanomaly

34.2395, 19.5025, 6.8102

Monochromacy



Original Color

34.8111, 19.6220, 8.6093

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

18.5499, 14.4994, 12.8873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8111, 19.6220, 8.6093 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(229, 52, 75)` looks like.

```
.text, #text, p{  
    color:rgb(229, 52, 75)  
}
```

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(229, 52, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 52, 75) }
```

Border

The CSS property to change the border of an element to XYZ 34.8111, 19.6220, 8.6093 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(229, 52, 75) }
```


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

```
.border{ border-color:rgb(229, 52, 75) }
```

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

Here you see how a box with a 4 pixel rgb(229, 52, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 52, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 52, 75);  
box-shadow:4px 4px 4px 4px rgb(229, 52,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8111, 19.6220, 8.6093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 52, 75) }
```

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

```
.background{ background-color: rgb(229, 52,  
75) }
```

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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