

Converting Colors

XYZ(34.3236, 19.8463, 6.2966)

Have a look what the booklet for
XYZ(34.3236, 19.8463, 6.2966)
contains.

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Color

**XYZ(34.3236, 19.8463,
6.2966)**

Conversions

Conversions Part 1

Format	Color
Hex	E43A3C
RGB	228, 58, 60
RGB Percent	89%, 23%, 24%
CMY	0.1059, 0.7725, 0.7647
CMYK	0.00, 0.75, 0.74, 0.11
HSL	359°, 76%, 56%
HSV	359°, 75%, 89%
XYZ	34.3236, 19.8463, 6.2966
YIQ	109.0580, 100.6780, 36.6620

Conversions

Conversions Part 2

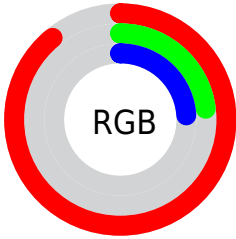
Format	Color
RYB	228, 58, 60
Decimal	14957116
CIELab	51.66, 64.41, 39.32
CIELCh	52, 75.461, 31.403
Yxy	19.8463, 0.5676, 0.3282
Android (android.graphics.Color)	4293147196 (0xFFE43A3C)
YUV	109.0580, -24.1856, 104.3121
Hunter-Lab	44.5492, 59.5670, 22.8044

Details

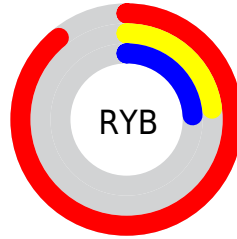
The XYZ color **34.3236, 19.8463, 6.2966** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **43.2179, 61.8780, 81.6254**, and the grayscale version is **14.6001, 15.3605, 16.7275**.

A 20% lighter version of the original color is **50.4252, 35.2996, 18.3432**, and **15.4110, 7.9330, 1.2493** is the 20% darker color. If you saturate the color by 10%, you get **32.9434, 17.8450, 3.4971**, and if you desaturate by 10%, it is **36.4666, 22.9682, 10.6009**.

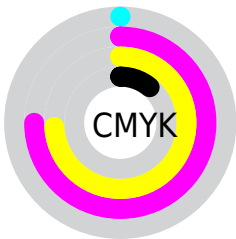
Distribution



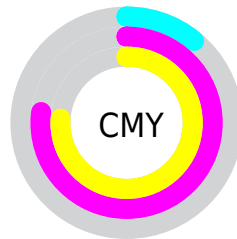
- Red (89%)
- Green (23%)
- Blue (24%)



- Red (89%)
- Yellow (23%)
- Blue (24%)



- Cyan (0%)
- Magenta (75%)
- Yellow (74%)
- Black (11%)





- Cyan (11%)
- Magenta (77%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3236, 19.8463, 6.2966 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 34.3236, 19.8463, 6.2966 by changing the saturation by 10% instead.


 34.3236, 19.8463,
6.2966


 34.3236, 19.8463,
6.2966


313.1332,
251.0818, 171.0867


 23.3064, 12.2834,
2.9546


 65.7775, 43.1593,
19.0317


 14.9418, 6.9370,
1.0715


 86.9449, 59.6782,
29.2618

 8.8646, 3.4227,
0.0000


 112.2265, 79.9513,
42.6250

 4.7094, 1.3562,
0.0000

 141.9875,
104.3628, 59.5399

 2.1108, 0.1841,
0.0000

 176.5933,
133.2972, 80.4250

 0.6951, 0.0000,
0.0000

 216.4092,

 0.0000, 0.0000,

167.1389, 105.6988

0.0000

261.8008,
206.2723, 135.7799

■ 34.3236, 19.8463,
6.2966

■ 34.3236, 19.8463,
6.2966

■ 32.9434, 17.8450,
3.4971

■ 36.4666, 22.9682,
10.6009

■ 32.2170, 16.8013,
1.9944


■ 39.4594, 27.3379,
16.5797


■ 32.0094, 16.4997,
1.5743


■ 43.3784, 33.0692,
24.3811


■ 48.2916, 40.2623,
34.1367

■ 54.2602, 49.0077,
45.9660

 61.3407, 59.3891,
59.9787

 69.5856, 71.4836,
76.2770

 79.0440, 85.3640,
94.9567

 85.8048, 95.2339,
108.4673

Harmonies

Analogous

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



37.6134, 19.8463, 20.5989



34.3236, 19.8463, 6.2966



26.7754, 19.8463, 1.7430

Triad

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



34.3236, 19.8463, 6.2966



8.7069, 19.8463, 7.1108



19.2240, 19.8463, 96.4812

Complementary

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



34.3236, 19.8463, 6.2966



43.2179, 61.8780, 81.6254

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.



12.6871, 19.8463, 83.2954



34.3236, 19.8463, 6.2966



7.6855, 19.8463, 22.6521

Square

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



34.3236, 19.8463, 6.2966



12.2164, 19.8463, 1.9417



8.9228, 19.8463, 51.6500



27.5672, 19.8463, 80.7971

Rectangle

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



34.3236, 19.8463, 6.2966



21.1378, 19.8463, 1.0118



8.9228, 19.8463, 51.6500



16.7581, 19.8463, 95.2430

Sweetspot

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



34.3240, 19.8475, 6.2969



72.0139, 66.2102, 63.3563



46.6204, 24.6631, 75.7017



14.9146, 13.4398, 12.5721



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.



34.3240, 19.8475, 6.2969



41.8999, 22.1903, 3.3508



42.1621, 35.6062, 8.6551



14.3838, 14.3707, 14.9556



18.4865, 9.5288, 0.9249



1.3685, 0.7051, 0.0811

Inverse Universe

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



34.3240, 19.8475, 6.2969



41.8999, 22.1903, 3.3508



26.0032, 27.0095, 77.2413



14.3838, 14.3707, 14.9556



18.4865, 9.5288, 0.9249



1.3685, 0.7051, 0.0811

Previews

White Background



This preview shows how the XYZ color 34.3236, 19.8463, 6.2966 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 34.3236, 19.8463, 6.2966 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 34.3236, 19.8463, 6.2966

Background



This preview shows how black text looks on a background with the XYZ color 34.3236, 19.8463, 6.2966.



This preview shows how white text looks on a background with the XYZ color 34.3236, 19.8463,

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

34.3236, 19.8463, 6.2966

Protanopia

18.5622, 20.0928, 10.8826

Deuteranopia

20.3592, 20.0486, 5.7025



Tritanopia

34.3236, 19.8463, 6.2966

Trichromacy



Original Color

34.3236, 19.8463, 6.2966

Protanomaly

21.9417, 17.9336, 8.7836

Deuteranomaly

23.8815, 18.4465, 5.6700

Tritanomaly

34.3236, 19.8463, 6.2966

Monochromacy



Original Color

34.3236, 19.8463, 6.2966

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

18.4934, 14.7431, 11.7685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3236, 19.8463, 6.2966 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(228, 58, 60)` looks like.

```
.text, #text, p{  
    color:rgb(228, 58, 60)  
}
```

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(228, 58, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 58, 60) }
```

Border

The CSS property to change the border of an element to XYZ 34.3236, 19.8463, 6.2966 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(228, 58, 60) }
```


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

```
.border{ border-color:rgb(228, 58, 60) }
```

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

Here you see how a box with a 4 pixel rgb(228, 58, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 58, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 58, 60);  
box-shadow:4px 4px 4px 4px rgb(228, 58,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3236, 19.8463, 6.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 58, 60) }
```

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

```
.background{ background-color: rgb(228, 58,  
60) }
```

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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