

Converting Colors

XYZ(34.5090, 19.8571, 13.5692)

Have a look what the booklet for
XYZ(34.5090, 19.8571, 13.5692)
contains.

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Color

**XYZ(34.5090, 19.8571,
13.5692)**

Conversions

Conversions Part 1

Format	Color
Hex	E03B62
RGB	224, 59, 98
RGB Percent	88%, 23%, 38%
CMY	0.1216, 0.7686, 0.6157
CMYK	0.00, 0.74, 0.56, 0.12
HSL	346°, 73%, 55%
HSV	346°, 74%, 88%
XYZ	34.5090, 19.8571, 13.5692
YIQ	112.7810, 85.8210, 47.1090

Conversions

Conversions Part 2

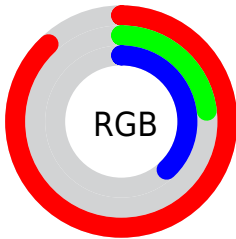
Format	Color
R_{YB}	224, 59, 98
Decimal	14695266
CIE _{Lab}	51.68, 64.99, 16.78
CIE _{LCh}	52, 67.127, 14.478
Yxy	19.8571, 0.5080, 0.2923
Android (android.graphics.Color)	4292885346 (0xFFE03B62)
YUV	112.7810, -7.2870, 97.5391
Hunter-Lab	44.5613, 60.2510, 13.1387

Details

The XYZ color **34.5090, 19.8571, 13.5692** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **37.2180, 57.7444, 55.0895**, and the grayscale version is **15.6357, 16.4500, 17.9141**.

A 20% lighter version of the original color is **53.1821, 36.5918, 32.2769**, and **15.5201, 7.9293, 3.9613** is the 20% darker color. If you saturate the color by 10%, you get **32.8711, 17.7388, 9.4551**, and if you desaturate by 10%, it is **36.8141, 23.0338, 18.7576**.

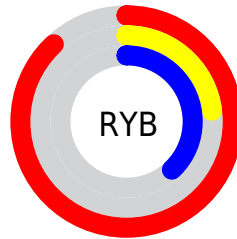
Distribution



Red (88%)

Green (23%)

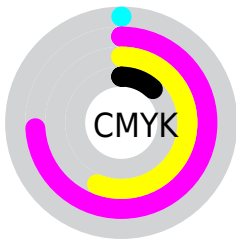
Blue (38%)



Red (88%)

Yellow (23%)

Blue (38%)

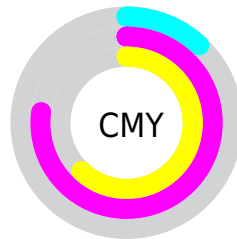


Cyan (0%)

Magenta (74%)

Yellow (56%)

Black (12%)



Cyan (12%)


Magenta (77%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5090, 19.8571, 13.5692 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 34.5090, 19.8571, 13.5692 by changing the saturation by 10% instead.


 34.5090, 19.8571,
13.5692


 34.5090, 19.8571,
13.5692


313.9419,
251.1405, 225.8685

 23.4496, 12.2912,
7.6863


 66.0635, 43.1775,
33.0287

 15.0484, 6.9423,
3.8100


 87.2893, 59.7007,
47.4424


 8.9399, 3.4261,
1.5217


 112.6347, 79.9786,
65.5369

 4.7588, 1.3580,
0.2340

 142.4649,
104.3954, 87.7306

 2.1397, 0.1855,
0.0000

 177.1454,
133.3356, 114.4420

 0.7107, 0.0000,
0.0000

217.0415,

 0.0000, 0.0000,

167.1836, 146.0898

0.0000

262.5185,
206.3238, 183.0925

■ 34.5090, 19.8571,
13.5692

■ 34.5090, 19.8571,
13.5692

■ 32.8711, 17.7388,
9.4551

■ 36.8141, 23.0338,
18.7576

■ 31.8195, 16.5348,
6.3332


■ 39.8512, 27.3819,
25.0913


■ 31.3813, 16.1036,
4.8144


■ 43.6787, 33.0034,
32.6362


■ 48.3486, 39.9884,
41.4523

■ 53.9084, 48.4188,
51.5959

 60.4018, 58.3697,
63.1196

 67.8698, 69.9114,
76.0732

 76.3508, 83.1095,
90.5039

 84.0646, 94.3929,
105.8513

Harmonies

Analogous

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



34.4172, 19.8571, 33.2231



34.5090, 19.8571, 13.5692



29.7804, 19.8571, 4.5987

Triad

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



34.5090, 19.8571, 13.5692



11.1374, 19.8571, 4.4296



15.5971, 19.8571, 81.1883

Complementary

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



34.5090, 19.8571, 13.5692



37.2180, 57.7444, 55.0895

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.



11.0197, 19.8571, 59.7199



34.5090, 19.8571, 13.5692



8.8972, 19.8571, 13.0936

Square

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



34.5090, 19.8571, 13.5692



15.7999, 19.8571, 1.8793



8.8600, 19.8571, 32.3565



22.3221, 19.8571, 81.6141

Rectangle

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



34.5090, 19.8571, 13.5692



25.0624, 19.8571, 2.4037



8.8600, 19.8571, 32.3565



13.7980, 19.8571, 75.8031

Sweetspot

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



34.5095, 19.8583, 13.5695



73.5439, 66.8222, 71.4130



34.4887, 18.5480, 72.2829



15.2683, 13.5813, 14.4349



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.



34.5095, 19.8583, 13.5695



43.3053, 22.8535, 10.4400



36.1121, 25.3272, 7.1247



13.8393, 13.7534, 14.9240



18.3036, 9.3884, 2.9986



1.3033, 0.6646, 0.3900

Inverse Universe

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



34.5095, 19.8583, 13.5695



43.3053, 22.8535, 10.4400



32.1413, 40.0770, 76.5621



13.8393, 13.7534, 14.9240



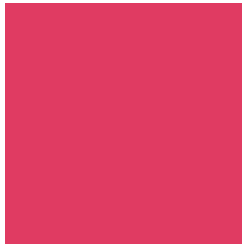
18.3036, 9.3884, 2.9986



1.3033, 0.6646, 0.3900

Previews

White Background



This preview shows how the XYZ color 34.5090, 19.8571, 13.5692 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 34.5090, 19.8571, 13.5692 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 34.5090, 19.8571, 13.5692

Background



This preview shows how black text looks on a background with the XYZ color 34.5090, 19.8571, 13.5692.



This preview shows how white text looks on a background with the XYZ color 34.5090, 19.8571,

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

34.5090, 19.8571, 13.5692

Protanopia

19.3576, 20.0360, 23.6160

Deuteranopia

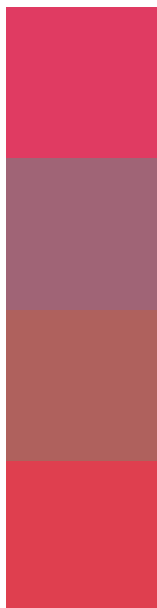
20.4749, 20.1349, 12.4801



Tritanopia

33.3651, 19.8859, 7.5487

Trichromacy



Original Color

34.5090, 19.8571, 13.5692

Protanomaly

22.3244, 17.8959, 19.4172

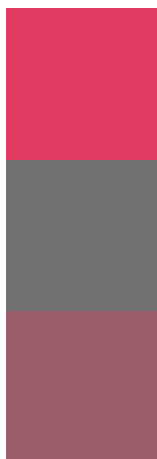
Deuteranomaly

23.9297, 18.4537, 12.6566

Tritanomaly

33.6202, 19.8075, 9.4484

Monochromacy



Original Color

34.5090, 19.8571, 13.5692

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

19.7580, 15.6837, 16.1733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5090, 19.8571, 13.5692 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(224, 59, 98)` looks like.

```
.text, #text, p{  
    color:rgb(224, 59, 98)  
}
```

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(224, 59, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 59, 98) }
```

Border

The CSS property to change the border of an element to XYZ 34.5090, 19.8571, 13.5692 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(224, 59, 98) }
```


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

```
.border{ border-color:rgb(224, 59, 98) }
```

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

Here you see how a box with a 4 pixel rgb(224, 59, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 59, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 59, 98);  
box-shadow:4px 4px 4px 4px rgb(224, 59,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5090, 19.8571, 13.5692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 59, 98) }
```

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

```
.background{ background-color: rgb(224, 59,  
98) }
```

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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