

Converting Colors

XYZ(39.8383, 26.7821, 18.4309)

Have a look what the booklet for
XYZ(39.8383, 26.7821, 18.4309)
contains.

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Color

**XYZ(39.6996, 26.7515,
18.4004)**

Conversions

Conversions Part 1

Format	Color
Hex	E56370
RGB	229, 99, 112
RGB Percent	90%, 39%, 44%
CMY	0.1020, 0.6117, 0.5608
CMYK	0.00, 0.57, 0.51, 0.10
HSL	354°, 71%, 64%
HSV	354°, 57%, 90%
XYZ	39.6996, 26.7515, 18.4004
YIQ	139.3520, 73.3070, 31.6030

Conversions

Conversions Part 2

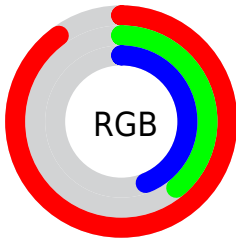
Format	Color
R _Y B	229, 99, 112
Decimal	15033200
CIE Lab	58.74, 51.58, 18.29
CIE LCh	59, 54.731, 19.527
Yxy	26.7515, 0.4679, 0.3153
Android (android.graphics.Color)	4293223280 (0xFFE56370)
YUV	139.3520, -13.4845, 78.6213
Hunter-Lab	51.7219, 46.4961, 15.1125

Details

The XYZ color **39.6996, 26.7515, 18.4004** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **45.5612, 63.6498, 74.8544**, and the grayscale version is **24.7078, 25.9945, 28.3081**.

A 20% lighter version of the original color is **59.4964, 47.0515, 41.0680**, and **18.1515, 10.5329, 5.9269** is the 20% darker color. If you saturate the color by 10%, you get **36.8101, 22.6038, 12.4088**, and if you desaturate by 10%, it is **43.4681, 32.2371, 25.9813**.

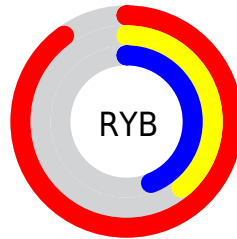
Distribution



Red (90%)

Green (39%)

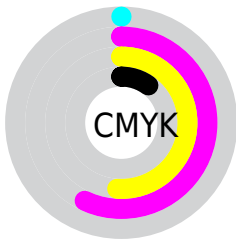
Blue (44%)



Red (90%)

Yellow (39%)

Blue (44%)

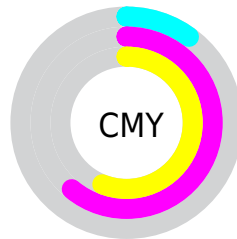


Cyan (0%)

Magenta (57%)

Yellow (51%)

Black (10%)



Cyan (10%)


Magenta (61%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6996, 26.7515, 18.4004 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 39.6996, 26.7515, 18.4004 by changing the saturation by 10% instead.


 39.6996, 26.7515,
18.4004


 39.6996, 26.7515,
18.4004


336.0120,
286.4519, 255.4298


 27.4876, 17.3867,
11.0654


 73.9931, 54.4848,
41.5415


 18.0782, 10.5106,
5.9961


 96.8053, 73.6222,
58.1848

 11.1062, 5.7388,
2.7740


 123.8816, 96.7858,
78.7679

 6.2061, 2.6869,
0.9804

 155.5873,
124.3601, 103.7093

 3.0127, 0.9705,
0.0000

192.2879,
156.7294, 133.4277

 1.1605, 0.0000,
0.0000

234.3486,

 0.0748, 0.0000,

194.2782, 168.3416

0.0000

282.1349,
237.3909, 208.8694

■ 0.0000, 0.0000,
0.0000

■ 39.6996, 26.7515,
18.4004

■ 39.6996, 26.7515,
18.4004

■ 36.8101, 22.6038,
12.4088

■ 43.4681, 32.2371,
25.9813

■ 34.7259, 19.6752,
7.8915

■ 48.1772, 39.1572,
35.2525

■ 33.3645, 17.8339,
4.7204

■ 53.8855, 47.6048,
46.3081

■ 32.6222, 16.9103,
2.7435

■ 60.6460, 57.6636,
59.2351

■ 32.4666, 16.7194,
2.3208

■ 68.5080, 69.4113,
74.1146

■ 77.5179, 82.9205,
91.0230

■ 86.1231, 95.3980,
108.4822

Harmonies

Analogous

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



40.4165, 26.7515, 36.4077



39.6996, 26.7515, 18.4004



34.7993, 26.7515, 9.0347

Triad

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



39.6996, 26.7515, 18.4004



16.7877, 26.7515, 11.0692



23.1431, 26.7515, 82.9851

Complementary

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



39.6996, 26.7515, 18.4004



45.5612, 63.6498, 74.8544

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.



17.9087, 26.7515, 67.4636



39.6996, 26.7515, 18.4004



14.6939, 26.7515, 22.8895

Square

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



39.6996, 26.7515, 18.4004



21.3363, 26.7515, 6.2828



15.0644, 26.7515, 43.3774



30.0086, 26.7515, 79.9747

Rectangle

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



39.6996, 26.7515, 18.4004



30.2335, 26.7515, 6.3584



15.0644, 26.7515, 43.3774



21.1581, 26.7515, 79.5648

Sweetspot

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



39.7003, 26.7529, 18.4009



77.0886, 73.1292, 75.0066



46.9245, 29.1812, 77.2880



16.1051, 15.0639, 15.3021



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.



39.7003, 26.7529, 18.4009



46.4761, 28.1340, 14.7682



45.6329, 39.6936, 17.0628



14.4352, 14.3913, 15.2263



18.5829, 9.5674, 1.4328



1.3932, 0.7150, 0.2110

Inverse Universe

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



39.7003, 26.7529, 18.4009



46.4761, 28.1340, 14.7682



35.0119, 39.7556, 79.9569



14.4352, 14.3913, 15.2263



18.5829, 9.5674, 1.4328



1.3932, 0.7150, 0.2110

Previews

White Background



This preview shows how the XYZ color 39.6996, 26.7515, 18.4004 looks on a white background.

Color Contrast Check

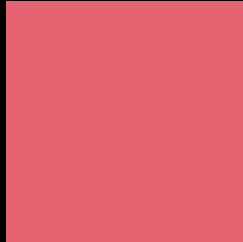
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.6996, 26.7515, 18.4004 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 39.6996, 26.7515, 18.4004

Background



This preview shows how black text looks on a background with the XYZ color 39.6996, 26.7515, 18.4004.



This preview shows how white text looks on a background with the XYZ color 39.6996, 26.7515,

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

39.6996, 26.7515, 18.4004

Protanopia

25.6126, 26.8542, 26.0238

Deuteranopia

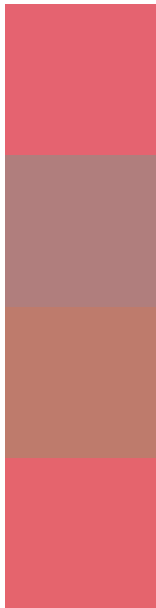
27.3420, 26.8644, 17.3799



Tritanopia

39.5241, 26.8339, 17.0062

Trichromacy



Original Color

39.6996, 26.7515, 18.4004

Protanomaly

29.0670, 25.6325, 22.8176

Deuteranomaly

31.0249, 26.1958, 17.6085

Tritanomaly

39.6306, 26.8765, 17.5669

Monochromacy



Original Color

39.6996, 26.7515, 18.4004

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

28.1834, 24.7709, 24.0647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6996, 26.7515, 18.4004 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, 99, 112)` looks like.

```
.text, #text, p{  
    color:rgb(229, 99, 112)  
}
```

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, 99, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 99, 112) }
```

Border

The CSS property to change the border of an element to XYZ 39.6996, 26.7515, 18.4004 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, 99, 112) }
```


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

```
.border{ border-color:rgb(229, 99, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 99, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 99, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 99, 112);  
box-shadow:4px 4px 4px 4px rgb(229, 99,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6996, 26.7515, 18.4004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 99, 112) }
```

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

```
.background{ background-color: rgb(229, 99,  
112) }
```

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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