

Converting Colors

XYZ(39.2153, 27.2851, 15.1553)

Have a look what the booklet for
XYZ(39.2153, 27.2851, 15.1553)
contains.

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Color

**XYZ(39.2455, 27.3147,
15.2604)**

Conversions

Conversions Part 1

Format	Color
Hex	E46864
RGB	228, 104, 100
RGB Percent	89%, 41%, 39%
CMY	0.1059, 0.5921, 0.6078
CMYK	0.00, 0.54, 0.56, 0.11
HSL	2°, 70%, 64%
HSV	2°, 56%, 89%
XYZ	39.2455, 27.3147, 15.2604
YIQ	140.6200, 75.1880, 25.0440

Conversions

Conversions Part 2

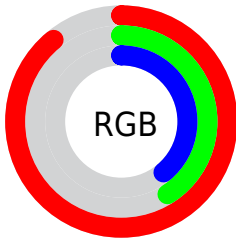
Format	Color
R_{YB}	228, 104, 100
Decimal	14968932
CIE _{Lab}	59.26, 47.91, 25.88
CIE _{LCh}	59, 54.450, 28.377
Yxy	27.3147, 0.4797, 0.3338
Android (android.graphics.Color)	4293159012 (0xFFE46864)
YUV	140.6200, -20.0257, 76.6323
Hunter-Lab	52.2635, 42.5775, 19.2724

Details

The XYZ color **39.2455, 27.3147, 15.2604** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **45.9130, 61.6184, 82.8722**, and the grayscale version is **25.2249, 26.5385, 28.9004**.

A 20% lighter version of the original color is **59.0528, 47.9481, 35.4206**, and **17.7196, 10.7537, 4.5099** is the 20% darker color. If you saturate the color by 10%, you get **36.3528, 23.0553, 9.5925**, and if you desaturate by 10%, it is **43.0304, 32.8647, 22.7492**.

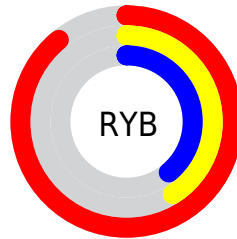
Distribution



Red (89%)

Green (41%)

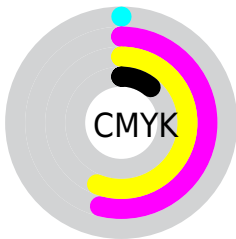
Blue (39%)



Red (89%)

Yellow (41%)

Blue (39%)

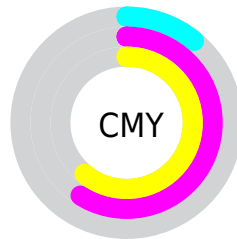


Cyan (0%)

Magenta (54%)

Yellow (56%)

Black (11%)



Cyan (11%)


Magenta (59%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2455, 27.3147, 15.2604 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 39.2455, 27.3147, 15.2604 by changing the saturation by 10% instead.


 39.2455, 27.3147,
15.2604


 39.2455, 27.3147,
15.2604


334.1223,
289.1776, 236.6318


 27.1323, 17.8097,
8.8537


 73.3049, 55.3884,
36.0581

 17.8097, 10.8135,
4.5504


 95.9818, 74.7260,
51.2862

 10.9123, 5.9415,
1.9319


 122.9107, 98.1099,
70.2918

 6.0748, 2.8096,
0.5129

 154.4570,
125.9244, 93.4935

 2.9317, 1.0331,
0.0000

190.9859,
158.5541, 121.3098

 1.1177, 0.0000,
0.0000

232.8629,

 0.0399, 0.0000,

196.3832, 154.1592

0.0000

280.4532,
239.7963, 192.4604

■ 0.0000, 0.0000,
0.0000

■ 39.2455, 27.3147,
15.2604

■ 39.2455, 27.3147,
15.2604

■ 36.3528, 23.0553,
9.5925

■ 43.0304, 32.8647,
22.7492

■ 34.2773, 19.9785,
5.5892

■ 47.7703, 39.7932,
32.1947

■ 32.9352, 17.9663,
3.0702

■ 53.5248, 48.1855,
43.7215

■ 32.2234, 16.8739,
1.8114

■ 60.3481, 58.1187,
57.4435

■ 32.0723, 16.6489,
1.5232

■ 68.2903, 69.6646,
73.4662

■ 77.3987, 82.8905,
91.8883

■ 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.



41.3438, 27.3147, 30.8143



39.2455, 27.3147, 15.2604



33.4370, 27.3147, 7.8956

Triad

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



39.2455, 27.3147, 15.2604



16.3456, 27.3147, 14.1131



25.5932, 27.3147, 85.0554

Complementary

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



39.2455, 27.3147, 15.2604



45.9130, 61.6184, 82.8722

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.



19.6931, 27.3147, 74.3672



39.2455, 27.3147, 15.2604



14.9644, 27.3147, 28.6931

Square

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



39.2455, 27.3147, 15.2604



20.2314, 27.3147, 7.4656



16.0751, 27.3147, 51.3185



32.6834, 27.3147, 76.3381

Rectangle

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



39.2455, 27.3147, 15.2604



28.6856, 27.3147, 6.0773



16.0751, 27.3147, 51.3185



23.4161, 27.3147, 83.5479

Sweetspot

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



39.2462, 27.3162, 15.2609



76.8755, 73.5878, 72.2082



50.2612, 31.0921, 75.2077



16.0555, 15.1702, 14.6523



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.



39.2462, 27.3162, 15.2609



46.4601, 29.1303, 11.5923



47.9556, 44.7351, 18.1640



14.4130, 14.4399, 14.9320



18.5357, 9.6455, 0.8848



1.3826, 0.7385, 0.0697

Inverse Universe

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



45.9130, 61.6184, 82.8722



55.7972, 77.2670, 106.5809



32.1561, 34.1046, 78.2866



14.7668, 16.2549, 18.5036



23.0130, 33.0882, 47.5569



1.7128, 2.4696, 3.5184

Previews

White Background



This preview shows how the XYZ color 39.2455, 27.3147, 15.2604 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 39.2455, 27.3147, 15.2604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

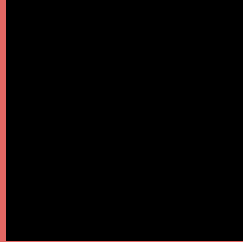
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2455, 27.3147, 15.2604

Background



This preview shows how black text looks on a background with the XYZ color 39.2455, 27.3147, 15.2604.



This preview shows how white text looks on a background with the XYZ color 39.2455, 27.3147,

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

39.2455, 27.3147, 15.2604

Protanopia

25.7958, 27.5086, 20.7797

Deuteranopia

27.9793, 27.4701, 14.4173



Tritanopia

39.9778, 27.4843, 17.9498

Trichromacy



Original Color

39.2455, 27.3147, 15.2604

Protanomaly

29.3099, 26.4319, 18.5960

Deuteranomaly

31.1832, 26.7182, 14.5799

Tritanomaly

39.7649, 27.3991, 16.8284

Monochromacy



Original Color

39.2455, 27.3147, 15.2604

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.7186, 25.8289, 23.2105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2455, 27.3147, 15.2604 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, 104, 100)` looks like.

```
.text, #text, p{  
    color:rgb(228, 104, 100)  
}
```

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, 104, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 104, 100) }
```

Border

The CSS property to change the border of an element to XYZ 39.2455, 27.3147, 15.2604 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, 104, 100) }
```


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

```
.border{ border-color:rgb(228, 104, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 104, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 104, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 104, 100);  
box-shadow:4px 4px 4px 4px rgb(228, 104,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2455, 27.3147, 15.2604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 104, 100) }
```

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

```
.background{ background-color: rgb(228,  
104, 100) }
```

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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