

Converting Colors

XYZ(38.1755, 24.8835, 17.4165)

Have a look what the booklet for
XYZ(38.1755, 24.8835, 17.4165)
contains.

XYZ(38.2341, 24.9389, 17.5504)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.2341, 24.9389,
17.5504)**

Conversions

Conversions Part 1

Format	Color
Hex	E35B6E
RGB	227, 91, 110
RGB Percent	89%, 36%, 43%
CMY	0.1098, 0.6431, 0.5686
CMYK	0.00, 0.60, 0.52, 0.11
HSL	352°, 71%, 62%
HSV	352°, 60%, 89%
XYZ	38.2341, 24.9389, 17.5504
YIQ	133.8300, 74.9570, 34.7410

Conversions

Conversions Part 2

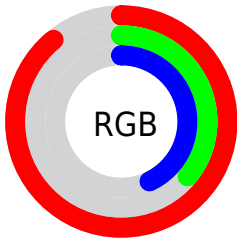
Format	Color
R_{YB}	227, 91, 110
Decimal	14900078
CIE Lab	57.02, 54.37, 17.05
CIE LCh	57, 56.983, 17.405
Yxy	24.9389, 0.4736, 0.3089
Android (android.graphics.Color)	4293090158 (0xFFE35B6E)
YUV	133.8300, -11.7482, 81.7101
Hunter-Lab	49.9389, 49.2698, 14.1205

Details

The XYZ color **38.2341, 24.9389, 17.5504** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **43.1702, 61.7169, 69.3165**, and the grayscale version is **22.6211, 23.7992, 25.9173**.

A 20% lighter version of the original color is **57.9519, 44.3910, 39.2321**, and **17.1396, 9.4989, 5.6327** is the 20% darker color. If you saturate the color by 10%, you get **35.6298, 21.2487, 12.0018**, and if you desaturate by 10%, it is **41.6607, 29.8989, 24.5295**.

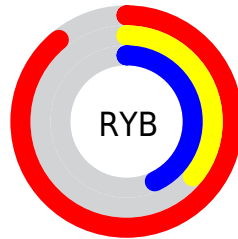
Distribution



Red (89%)

Green (36%)

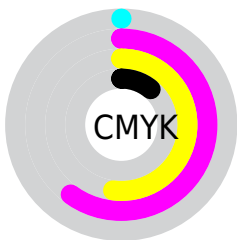
Blue (43%)



Red (89%)

Yellow (36%)

Blue (43%)

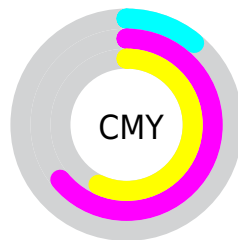


Cyan (0%)

Magenta (60%)

Yellow (52%)

Black (11%)



Cyan (11%)


Magenta (64%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2341, 24.9389, 17.5504 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 38.2341, 24.9389, 17.5504 by changing the saturation by 10% instead.


 38.2341, 24.9389,
17.5504


 38.2341, 24.9389,
17.5504


329.8866,
277.5335, 250.4749


 26.3425, 16.0315,
10.4616


 71.7684, 51.5581,
40.0732


 17.2140, 9.5465,
5.5965


 94.1418, 70.0387,
56.3444

 10.4835, 5.0993,
2.5365


 120.7398, 92.4792,
76.5133

 5.7854, 2.3056,
0.8594

 151.9278,
119.2639, 100.9987

 2.7544, 0.7767,
0.0000

188.0711,
150.7774, 130.2190

 1.0253, 0.0000,
0.0000

229.5351,

 0.0000, 0.0000,

187.4038, 164.5928

0.0000

276.6852,
229.5278, 204.5386

■ 38.2341, 24.9389,
17.5504

■ 38.2341, 24.9389,
17.5504

■ 35.6298, 21.2487,
12.0018

■ 41.6607, 29.8989,
24.5295

■ 33.7756, 18.7085,
7.7823

■ 45.9698, 36.2263,
33.0285

■ 32.5896, 17.1826,
4.7787

■ 51.2182, 44.0136,
43.1306

■ 31.9398, 16.4390,
2.8477

■ 57.4571, 53.3443,
54.9128

■ 31.9351, 16.4335,
2.8342

■ 64.7344, 64.2954,
68.4470

■ 73.0944, 76.9390,
83.8010

■ 82.5791, 91.3425,
101.0388

■ 85.4884, 95.0708,
108.4525

Harmonies

Analogous

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



38.6201, 24.9389, 36.0144



38.2341, 24.9389, 17.5504



33.5291, 24.9389, 8.0499

Triad

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



38.2341, 24.9389, 17.5504



15.4327, 24.9389, 9.0626



21.0056, 24.9389, 81.3781

Complementary

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



38.2341, 24.9389, 17.5504



43.1702, 61.7169, 69.3165

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.



16.0139, 24.9389, 64.3486



38.2341, 24.9389, 17.5504



13.2279, 24.9389, 19.8813

Square

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



38.2341, 24.9389, 17.5504



20.0572, 24.9389, 4.9782



13.4184, 24.9389, 39.7449



27.7673, 24.9389, 79.7244

Rectangle

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



38.2341, 24.9389, 17.5504



29.0026, 24.9389, 5.3559



13.4184, 24.9389, 39.7449



19.0930, 24.9389, 77.4059

Sweetspot

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



38.2347, 24.9403, 17.5508



76.3964, 71.8426, 74.4748



43.2276, 26.2376, 75.4587



15.7983, 14.5464, 14.9039



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.



38.2347, 24.9403, 17.5508



45.6783, 26.6814, 14.0618



42.7427, 35.4375, 14.4868



14.4586, 14.4006, 15.3492



18.6497, 9.5941, 1.7846



1.4043, 0.7194, 0.2694

Inverse Universe

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



38.2347, 24.9403, 17.5508



45.6783, 26.6814, 14.0618



34.3812, 40.1725, 78.6146



14.4586, 14.4006, 15.3492



18.6497, 9.5941, 1.7846



1.4043, 0.7194, 0.2694

Previews

White Background



This preview shows how the XYZ color 38.2341, 24.9389, 17.5504 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 38.2341, 24.9389, 17.5504 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 38.2341, 24.9389, 17.5504

Background



This preview shows how black text looks on a background with the XYZ color 38.2341, 24.9389, 17.5504.



This preview shows how white text looks on a background with the XYZ color 38.2341, 24.9389,

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

38.2341, 24.9389, 17.5504

Protanopia

24.1638, 25.2475, 25.7900

Deuteranopia

25.6502, 25.1834, 16.6057



Tritanopia

37.5305, 24.8983, 14.6322

Trichromacy



Original Color

38.2341, 24.9389, 17.5504

Protanomaly

27.4314, 23.6843, 22.5278

Deuteranomaly

29.2125, 24.2023, 16.7675

Tritanomaly

37.6394, 24.8023, 15.6355

Monochromacy



Original Color

38.2341, 24.9389, 17.5504

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

26.3286, 22.7624, 22.4079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2341, 24.9389, 17.5504 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(227, 91, 110)` looks like.

```
.text, #text, p{  
    color:rgb(227, 91, 110)  
}
```

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(227, 91, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 91, 110) }
```

Border

The CSS property to change the border of an element to XYZ 38.2341, 24.9389, 17.5504 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(227, 91, 110) }
```


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

```
.border{ border-color:rgb(227, 91, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 91, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 91, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 91, 110);  
box-shadow:4px 4px 4px 4px rgb(227, 91,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2341, 24.9389, 17.5504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 91, 110) }
```

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

```
.background{ background-color: rgb(227, 91,  
110) }
```

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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