

Converting Colors

XYZ(35.7810, 21.3044, 15.8620)

Have a look what the booklet for
XYZ(35.7810, 21.3044, 15.8620)
contains.

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Color

**XYZ(35.7810, 21.3044,
15.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	E1456A
RGB	225, 69, 106
RGB Percent	88%, 27%, 42%
CMY	0.1176, 0.7294, 0.5843
CMYK	0.00, 0.69, 0.53, 0.12
HSL	346°, 72%, 58%
HSV	346°, 69%, 88%
XYZ	35.7810, 21.3044, 15.8620
YIQ	119.8620, 81.0990, 44.5790

Conversions

Conversions Part 2

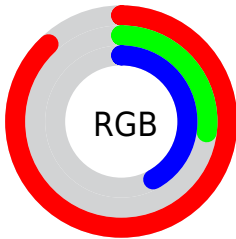
Format	Color
R_{YB}	225, 69, 106
Decimal	14763370
CIE _{Lab}	53.28, 62.40, 14.21
CIE _{LCh}	53, 64.002, 12.832
Yxy	21.3044, 0.4905, 0.2921
Android (android.graphics.Color)	4292953450 (0xFFE1456A)
YUV	119.8620, -6.8340, 92.2060
Hunter-Lab	46.1567, 57.6003, 11.9343

Details

The XYZ color **35.7810, 21.3044, 15.8620** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **38.4582, 58.7471, 56.8945**, and the grayscale version is **17.8127, 18.7404, 20.4083**.

A 20% lighter version of the original color is **54.9152, 38.8731, 36.5072**, and **16.0993, 8.2083, 4.8735** is the 20% darker color. If you saturate the color by 10%, you get **33.8446, 18.7201, 11.2447**, and if you desaturate by 10%, it is **38.4216, 25.0114, 21.5958**.

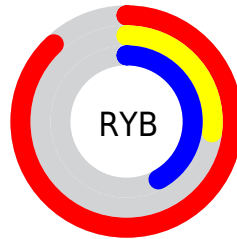
Distribution



Red (88%)

Green (27%)

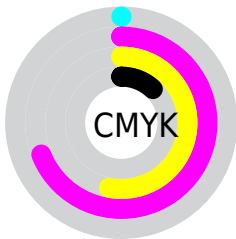
Blue (42%)



Red (88%)

Yellow (27%)

Blue (42%)

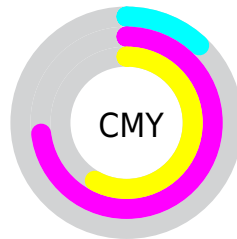


Cyan (0%)

Magenta (69%)

Yellow (53%)

Black (12%)



Cyan (12%)


Magenta (73%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7810, 21.3044, 15.8620 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 35.7810, 21.3044, 15.8620 by changing the saturation by 10% instead.

 35.7810, 21.3044,
15.8620


 35.7810, 21.3044,
15.8620

319.4503,
258.8918, 240.3439


 24.4344, 13.3467,
9.2733


 68.0200, 45.5936,
37.1219

 15.7827, 7.6677,
4.8206


 89.6431, 62.6939,
52.6302


 9.4604, 3.8831,
2.0855


 115.4225, 83.6104,
71.9487

 5.1022, 1.6084,
0.6071

 145.7235,
108.7277, 95.4960

 2.3427, 0.3632,
0.0000

 180.9114,
138.4301, 123.6906

 0.8164, 0.0000,
0.0000

221.3516,

 0.0000, 0.0000,

173.1020, 156.9511

0.0000

267.4094,
213.1278, 195.6960

■ 35.7810, 21.3044,
15.8620

■ 35.7810, 21.3044,
15.8620

■ 33.8446, 18.7201,
11.2447

■ 38.4216, 25.0114,
21.5958

■ 32.5371, 17.1248,
7.6654

■ 41.8277, 29.9476,
28.5144


■ 31.7455, 16.3114,
5.0281


■ 46.0555, 36.2110,
36.6819


■ 31.7021, 16.2678,
4.8803


■ 51.1554, 43.8889,
46.1570

■ 57.1738, 53.0609,
56.9947

 64.1535, 63.8008,
69.2469

 72.1348, 76.1772,
82.9625

 81.1554, 90.2551,
98.1882

 84.8612, 94.7475,
108.4232

Harmonies

Analogous

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



35.4097, 21.3044, 36.0353



35.7810, 21.3044, 15.8620



31.3763, 21.3044, 5.9601

Triad

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



35.7810, 21.3044, 15.8620



12.6249, 21.3044, 5.1897



16.6442, 21.3044, 80.1722

Complementary

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



35.7810, 21.3044, 15.8620



38.4582, 58.7471, 56.8945

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.



12.1234, 21.3044, 58.9016



35.7810, 21.3044, 15.8620



10.1832, 21.3044, 13.8397

Square

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



35.7810, 21.3044, 15.8620



17.4931, 21.3044, 2.5268



10.0228, 21.3044, 32.5027



23.2806, 21.3044, 81.8528

Rectangle

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



35.7810, 21.3044, 15.8620



26.7946, 21.3044, 3.3244



10.0228, 21.3044, 32.5027



14.8673, 21.3044, 74.6958

Sweetspot

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



35.7815, 21.3056, 15.8623



74.3883, 68.1060, 72.9430



35.9696, 20.1331, 73.2242



15.4332, 13.8310, 14.7366



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.



35.7815, 21.3056, 15.8623



44.1164, 23.8132, 12.7529



37.4891, 27.1640, 8.8991



13.8398, 13.7535, 14.9265



18.3062, 9.3895, 3.0122



1.3035, 0.6647, 0.3913

Inverse Universe

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



35.7815, 21.3056, 15.8623



44.1164, 23.8132, 12.7529



33.6049, 41.8206, 77.5350



13.8398, 13.7535, 14.9265



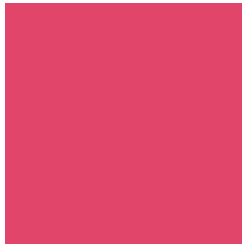
18.3062, 9.3895, 3.0122



1.3035, 0.6647, 0.3913

Previews

White Background



This preview shows how the XYZ color 35.7810, 21.3044, 15.8620 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 35.7810, 21.3044, 15.8620 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 35.7810, 21.3044, 15.8620

Background



This preview shows how black text looks on a background with the XYZ color 35.7810, 21.3044, 15.8620.



This preview shows how white text looks on a background with the XYZ color 35.7810, 21.3044,

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

35.7810, 21.3044, 15.8620

Protanopia

20.9354, 21.5455, 26.3478

Deuteranopia

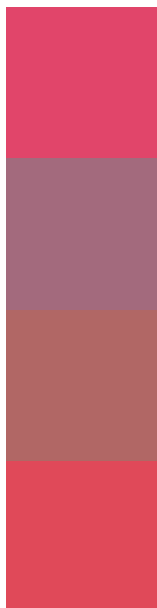
21.8652, 21.5318, 14.5589



Tritanopia

34.6678, 21.4440, 9.7090

Trichromacy



Original Color

35.7810, 21.3044, 15.8620

Protanomaly

23.9600, 19.5753, 21.9176

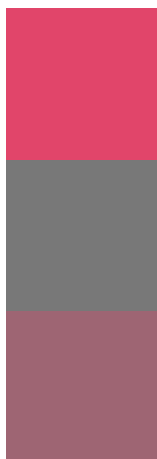
Deuteranomaly

25.3307, 19.9872, 14.8348

Tritanomaly

34.9262, 21.3336, 11.7282

Monochromacy



Original Color

35.7810, 21.3044, 15.8620

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

21.8487, 17.8143, 18.5066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7810, 21.3044, 15.8620 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(225, 69, 106)` looks like.

```
.text, #text, p{  
    color:rgb(225, 69, 106)  
}
```

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(225, 69, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 69, 106) }
```

Border

The CSS property to change the border of an element to XYZ 35.7810, 21.3044, 15.8620 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(225, 69, 106) }
```


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

```
.border{ border-color:rgb(225, 69, 106) }
```

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

Here you see how a box with a 4 pixel rgb(225, 69, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 69, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 69, 106);  
box-shadow:4px 4px 4px 4px rgb(225, 69,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7810, 21.3044, 15.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 69, 106) }
```

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

```
.background{ background-color: rgb(225, 69,  
106) }
```

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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