

Converting Colors

XYZ(45.6924, 34.7030, 35.8716)

Have a look what the booklet for
XYZ(45.6924, 34.7030, 35.8716)
contains.

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Color

**XYZ(45.6619, 34.6965,
35.7429)**

Conversions

Conversions Part 1

Format	Color
Hex	E3829C
RGB	227, 130, 156
RGB Percent	89%, 51%, 61%
CMY	0.1098, 0.4902, 0.3882
CMYK	0.00, 0.43, 0.31, 0.11
HSL	344°, 63%, 70%
HSV	344°, 43%, 89%
XYZ	45.6619, 34.6965, 35.7429
YIQ	161.9670, 49.4660, 28.6500

Conversions

Conversions Part 2

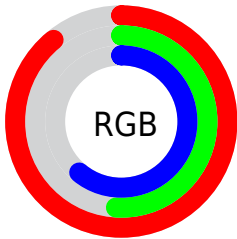
Format	Color
R_{YB}	227, 130, 156
Decimal	14910108
CIE _{Lab}	65.51, 40.26, 2.57
CIE _{LCh}	66, 40.338, 3.654
Yxy	34.6965, 0.3933, 0.2988
Android (android.graphics.Color)	4293100188 (0xFFE3829C)
YUV	161.9670, -2.9417, 57.0339
Hunter-Lab	58.9037, 35.2908, 5.2553

Details

The XYZ color **45.6619, 34.6965, 35.7429** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **47.2193, 63.9018, 65.1074**, and the grayscale version is **34.3253, 36.1129, 39.3269**.

A 20% lighter version of the original color is **70.2218, 60.6111, 68.9708**, and **21.6364, 14.9037, 15.1009** is the 20% darker color. If you saturate the color by 10%, you get **41.6566, 28.7856, 27.9343**, and if you desaturate by 10%, it is **50.5276, 42.0197, 44.7887**.

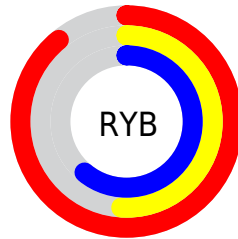
Distribution



Red (89%)

Green (51%)

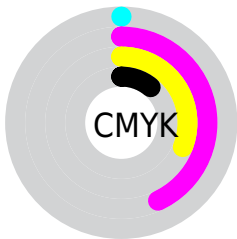
Blue (61%)



Red (89%)

Yellow (51%)

Blue (61%)

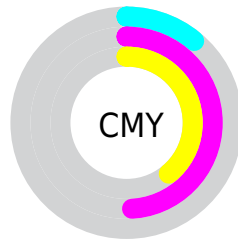


Cyan (0%)

Magenta (43%)

Yellow (31%)

Black (11%)



Cyan (11%)


Magenta (49%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6619, 34.6965, 35.7429 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 45.6619, 34.6965, 35.7429 by changing the saturation by 10% instead.

 45.6619, 34.6965,
35.7429


 45.6619, 34.6965,
35.7429

360.1865,
323.2267, 342.8388


 32.1826, 23.4292,
23.9476


 82.9437, 67.0153,
69.7996

 21.6572, 14.9107,
15.0829


 107.4770, 88.8356,
92.8981

 13.7204, 8.7568,
8.7303


 136.4256,
114.9424, 120.6014

 8.0069, 4.5829,
4.4713

170.1549,
145.7200, 153.3280

 4.1512, 2.0047,
1.8873

209.0303,
181.5528, 191.4965

 1.7880, 0.6102,
0.4846

253.4171,

 0.5104, 0.0000,

222.8253, 235.5255

0.0000

303.6807,
269.9218, 285.8334

■ 0.0000, 0.0000,
0.0000

■ 45.6619, 34.6965,
35.7429

■ 45.6619, 34.6965,
35.7429

■ 41.6566, 28.7856,
27.9343

■ 50.5276, 42.0197,
44.7887

■ 38.4568, 24.1904,
21.3052

■ 56.2984, 50.8336,
55.1218

■ 36.0055, 20.8097,
15.7960

■ 63.0193, 61.2167,
66.7915

■ 34.2366, 18.5258,
11.3408

■ 70.7313, 73.2406,
79.8443

■ 33.0713, 17.1966,
7.8655

■ 79.4731, 86.9725,
94.3241

■ 32.5164, 16.6660,
5.8948

■ 85.4885, 95.0709,
108.4525

Harmonies

Analogous

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



44.2400, 34.6965, 54.1320



45.6619, 34.6965, 35.7429



43.3652, 34.6965, 22.4664

Triad

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



45.6619, 34.6965, 35.7429



27.0753, 34.6965, 16.6548



28.1897, 34.6965, 75.0710

Complementary

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



45.6619, 34.6965, 35.7429



47.2193, 63.9018, 65.1074

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.



24.3979, 34.6965, 58.8258



45.6619, 34.6965, 35.7429



23.8105, 34.6965, 25.1030

Square

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



45.6619, 34.6965, 35.7429



32.2593, 34.6965, 13.7257



22.8916, 34.6965, 39.8901



33.7073, 34.6965, 80.4296

Rectangle

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



45.6619, 34.6965, 35.7429



40.1782, 34.6965, 17.1676



22.8916, 34.6965, 39.8901



26.6939, 34.6965, 70.5046

Sweetspot

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



45.6629, 34.6982, 35.7436



81.7077, 79.1774, 86.3809



45.5396, 33.7262, 76.7826



17.0515, 16.2693, 17.7369



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.



45.6629, 34.6982, 35.7436



54.8953, 38.4458, 37.6951



46.7783, 40.0830, 26.3927



14.5348, 14.4311, 15.7508



19.0052, 9.7363, 3.6564



1.4423, 0.7346, 0.4695

Inverse Universe

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



45.6629, 34.6982, 35.7436



54.8953, 38.4458, 37.6951



45.1397, 54.4276, 80.7995



14.5348, 14.4311, 15.7508



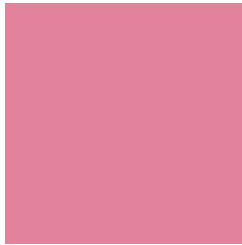
19.0052, 9.7363, 3.6564



1.4423, 0.7346, 0.4695

Previews

White Background



This preview shows how the XYZ color 45.6619, 34.6965, 35.7429 looks on a white background.

Color Contrast Check

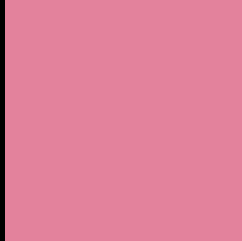
Large Text (above 18pt) WCAG AA × Fail

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 45.6619, 34.6965, 35.7429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

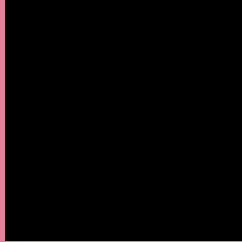
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.6619, 34.6965, 35.7429

Background



This preview shows how black text looks on a background with the XYZ color 45.6619, 34.6965, 35.7429.



This preview shows how white text looks on a background with the XYZ color 45.6619, 34.6965,

35.7429.

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

45.6619, 34.6965, 35.7429

Protanopia

34.2390, 35.1843, 44.5218

Deuteranopia

35.5832, 34.8432, 34.5557



Tritanopia

44.4978, 34.6243, 29.9290

Trichromacy



Original Color

45.6619, 34.6965, 35.7429

Protanomaly

37.3321, 34.1602, 41.1852

Deuteranomaly

38.6401, 34.2865, 34.7184

Tritanomaly

44.7468, 34.5079, 31.9060

Monochromacy



Original Color

45.6619, 34.6965, 35.7429

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

37.5012, 34.7899, 37.9963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6619, 34.6965, 35.7429 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, 130, 156)` looks like.

```
.text, #text, p{  
    color:rgb(227, 130, 156)  
}
```

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, 130, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 130, 156) }
```

Border

The CSS property to change the border of an element to XYZ 45.6619, 34.6965, 35.7429 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, 130, 156) }
```


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

```
.border{ border-color:rgb(227, 130, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 130, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 130, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 130, 156); box-shadow:4px 4px 4px 4px rgb(227, 130, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6619, 34.6965, 35.7429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 130, 156) }
```

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

```
.background{ background-color: rgb(227,  
130, 156) }
```

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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