

Converting Colors

XYZ(35.1349, 24.1151, 30.3186)

Have a look what the booklet for
XYZ(35.1349, 24.1151, 30.3186)
contains.

XYZ(35.1819, 24.1521, 30.4113)	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(35.1819, 24.1521,
30.4113)**

Conversions

Conversions Part 1

Format	Color
Hex	CE6393
RGB	206, 99, 147
RGB Percent	81%, 39%, 58%
CMY	0.1922, 0.6117, 0.4235
CMYK	0.00, 0.52, 0.29, 0.19
HSL	333°, 52%, 60%
HSV	333°, 52%, 81%
XYZ	35.1819, 24.1521, 30.4113
YIQ	136.4650, 48.3640, 37.6120

Conversions

Conversions Part 2

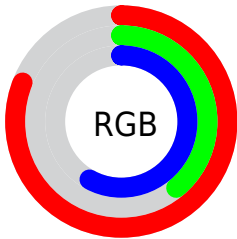
Format	Color
R _Y B	206, 99, 147
Decimal	13525907
CIE Lab	56.24, 47.62, -6.18
CIE LCh	56, 48.023, 352.603
Yxy	24.1521, 0.3920, 0.2691
Android (android.graphics.Color)	4291715987 (0xFFCE6393)
YUV	136.4650, 5.1938, 60.9822
Hunter-Lab	49.1448, 41.7817, -2.2879

Details

The XYZ color **35.1819, 24.1521, 30.4113** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **33.3897, 49.2645, 40.0995**, and the grayscale version is **23.5454, 24.7716, 26.9762**.

A 20% lighter version of the original color is **63.1738, 48.2595, 61.2437**, and **15.4827, 9.1881, 12.0238** is the 20% darker color. If you saturate the color by 10%, you get **32.6255, 20.3959, 25.3763**, and if you desaturate by 10%, it is **38.3255, 28.9413, 36.0768**.

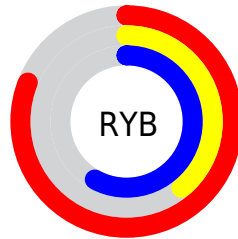
Distribution



Red (81%)

Green (39%)

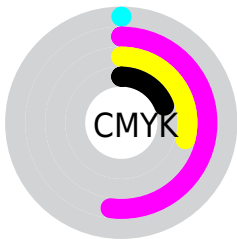
Blue (58%)



Red (81%)

Yellow (39%)

Blue (58%)

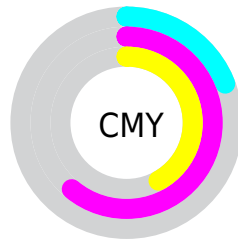


Cyan (0%)

Magenta (52%)

Yellow (29%)

Black (19%)



Cyan (19%)


Magenta (61%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1819, 24.1521, 30.4113 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 35.1819, 24.1521, 30.4113 by changing the saturation by 10% instead.


 35.1819, 24.1521,
30.4113


 35.1819, 24.1521,
30.4113


316.8645,
273.5885, 318.0837


 23.9702, 15.4465,
19.8963


 67.0996, 50.2783,
61.3807


 15.4361, 9.1333,
12.1363


 88.5364, 68.4677,
82.6722

 9.2143, 4.8283,
6.7129


 114.1122, 90.5871,
108.3929

 4.9395, 2.1468,
3.2075

 144.1924,
117.0209, 138.9613

 2.2462, 0.6908,
1.2015

179.1424,
148.1536, 174.7961

 0.7669, 0.0000,
0.0000

219.3275,

 0.0000, 0.0000,

184.3695, 216.3157

0.0000

265.1130,
226.0530, 263.9388

■ 35.1819, 24.1521,
30.4113

■ 35.1819, 24.1521,
30.4113

■ 32.6255, 20.3959,
25.3763

■ 38.3255, 28.9413,
36.0768

■ 30.6129, 17.5908,
20.9442

■ 42.0911, 34.8300,
42.3957

■ 29.0979, 15.6483,
17.0867

■ 46.5133, 41.8834,
49.3913

■ 28.0247, 14.4613,
13.7713

■ 51.6234, 50.1603,
57.0853

■ 27.4032, 13.9017,
11.4574

■ 57.4505, 59.7158,
65.4980

■ 64.0222, 70.6015,
74.6491

■ 71.3645, 82.8660,
84.5573

■ 76.6281, 90.8076,
94.2825

■ 78.3493, 91.4961,
103.3464

Harmonies

Analogous

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



32.4701, 24.1521, 49.4356



35.1819, 24.1521, 30.4113



34.2238, 24.1521, 16.2532

Triad

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



35.1819, 24.1521, 30.4113



19.1108, 24.1521, 7.0253



17.0905, 24.1521, 58.6219

Complementary

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



35.1819, 24.1521, 30.4113



33.3897, 49.2645, 40.0995

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.



14.4802, 24.1521, 39.8070



35.1819, 24.1521, 30.4113



15.5094, 24.1521, 11.8117

Square

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



35.1819, 24.1521, 30.4113



24.3506, 24.1521, 6.1961



13.9517, 24.1521, 22.5726



21.6154, 24.1521, 69.4674

Rectangle

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



35.1819, 24.1521, 30.4113



31.6949, 24.1521, 10.6133



13.9517, 24.1521, 22.5726



15.9918, 24.1521, 52.7303

Sweetspot

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



35.1826, 24.1533, 30.4118



79.9741, 75.3092, 87.0391



29.6747, 20.6353, 60.8116



16.7500, 15.5239, 18.0755



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.



35.1826, 24.1533, 30.4118



52.5565, 32.6113, 40.4821



32.6923, 23.9953, 14.7144



11.4180, 11.2959, 12.7357



16.9214, 8.5792, 7.3048



0.9110, 0.4578, 0.5772

Inverse Universe

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



35.1826, 24.1533, 30.4118



52.5565, 32.6113, 40.4821



37.0921, 48.7198, 65.8415



11.4180, 11.2959, 12.7357



16.9214, 8.5792, 7.3048



0.9110, 0.4578, 0.5772

Previews

White Background



This preview shows how the XYZ color 35.1819, 24.1521, 30.4113 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 35.1819, 24.1521, 30.4113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

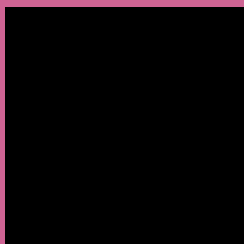
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1819, 24.1521, 30.4113

Background



This preview shows how black text looks on a background with the XYZ color 35.1819, 24.1521, 30.4113.



This preview shows how white text looks on a background with the XYZ color 35.1819, 24.1521,

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

35.1819, 24.1521, 30.4113

Protanopia

24.5332, 24.4645, 41.4593

Deuteranopia

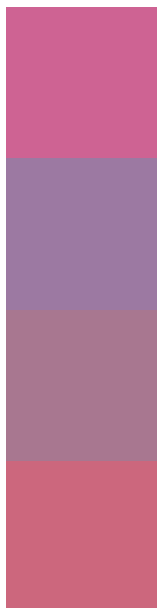
24.8528, 24.2966, 28.9710



Tritanopia

32.7633, 24.1968, 18.5664

Trichromacy



Original Color

35.1819, 24.1521, 30.4113

Protanomaly

27.0693, 23.3513, 37.2630

Deuteranomaly

27.7793, 23.5321, 29.4636

Tritanomaly

33.4538, 24.0185, 22.2749

Monochromacy



Original Color

35.1819, 24.1521, 30.4113

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.5145, 23.6364, 27.9758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1819, 24.1521, 30.4113 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(206, 99, 147)` looks like.

```
.text, #text, p{  
    color:rgb(206, 99, 147)  
}
```

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(206, 99, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 99, 147) }
```

Border

The CSS property to change the border of an element to XYZ 35.1819, 24.1521, 30.4113 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(206, 99, 147) }
```


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

```
.border{ border-color:rgb(206, 99, 147) }
```

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

Here you see how a box with a 4 pixel rgb(206, 99, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 99, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 99, 147);  
box-shadow:4px 4px 4px 4px rgb(206, 99,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1819, 24.1521, 30.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 99, 147) }
```

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

```
.background{ background-color: rgb(206, 99,  
147) }
```

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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