

Converting Colors

XYZ(36.1748, 25.5574, 29.8145)

Have a look what the booklet for
XYZ(36.1748, 25.5574, 29.8145)
contains.

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Color

**XYZ(36.1748, 25.5574,
29.8145)**

Conversions

Conversions Part 1

Format	Color
Hex	D06991
RGB	208, 105, 145
RGB Percent	82%, 41%, 57%
CMY	0.1843, 0.5882, 0.4314
CMYK	0.00, 0.50, 0.30, 0.18
HSL	337°, 52%, 61%
HSV	337°, 50%, 82%
XYZ	36.1748, 25.5574, 29.8145
YIQ	140.3570, 48.5480, 34.2760

Conversions

Conversions Part 2

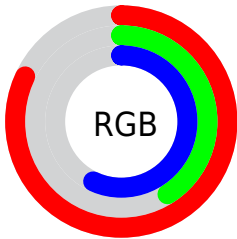
Format	Color
RYB	208, 105, 145
Decimal	13658513
CIELab	57.61, 45.04, -2.95
CIELCh	58, 45.141, 356.251
Yxy	25.5574, 0.3952, 0.2792
Android (android.graphics.Color)	4291848593 (0xFFD06991)
YUV	140.3570, 2.2890, 59.3229
Hunter-Lab	50.5543, 39.2579, 0.4217

Details

The XYZ color **36.1748, 25.5574, 29.8145** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.4507, 50.9427, 45.0130**, and the grayscale version is **25.0451, 26.3494, 28.6945**.

A 20% lighter version of the original color is **63.9469, 50.1798, 60.3481**, and **16.1012, 9.9517, 11.8987** is the 20% darker color. If you saturate the color by 10%, you get **33.3827, 21.4562, 24.3115**, and if you desaturate by 10%, it is **39.5963, 30.7412, 36.0699**.

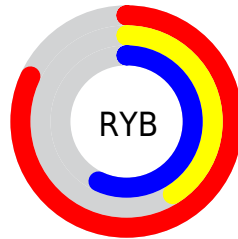
Distribution



Red (82%)

Green (41%)

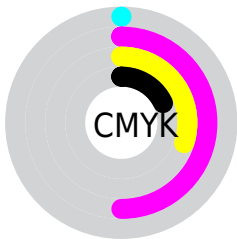
Blue (57%)



Red (82%)

Yellow (41%)

Blue (57%)

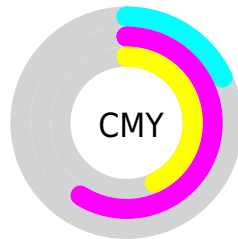


Cyan (0%)

Magenta (50%)

Yellow (30%)

Black (18%)



Cyan (18%)

Magenta (59%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1748, 25.5574, 29.8145 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 36.1748, 25.5574, 29.8145 by changing the saturation by 10% instead.


 36.1748, 25.5574,
29.8145


 36.1748, 25.5574,
29.8145


321.1418,
280.6026, 315.2192


 24.7400, 16.4928,
19.4470


 68.6239, 52.5601,
60.4262


 16.0111, 9.8736,
11.8136


 90.3688, 71.2669,
81.5075

 9.6229, 5.3152,
6.4959


 116.2812, 93.9567,
106.9971

 5.2100, 2.4334,
3.0753

 146.7264,
121.0137, 137.3136

 2.4070, 0.8430,
1.1332

182.0697,
152.8224, 172.8756

 0.8486, 0.0000,
0.0000

222.6764,

 0.0000, 0.0000,

189.7672, 214.1014

0.0000

268.9120,
232.2325, 261.4098

■ 36.1748, 25.5574,
29.8145

■ 36.1748, 25.5574,
29.8145

■ 33.3827, 21.4562,
24.3115

■ 39.5963, 30.7412,
36.0699

■ 31.1757, 18.3554,
19.5277

■ 43.6830, 37.0743,
43.1058

■ 29.5070, 16.1672,
15.4289


■ 48.4706, 44.6224,
50.9506


■ 28.3209, 14.7864,
11.9767


■ 53.9913, 53.4452,
59.6307


■ 27.5231, 14.0316,
9.1184


■ 60.2755, 63.5983,
69.1712

 27.4890, 14.0005,
8.9930

 67.3516, 75.1343,
79.5958

 75.2468, 88.1025,
90.9278

 78.5277, 91.6320,
101.3693

 79.8224, 92.1499,
108.1874

Harmonies

Analogous

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



33.9717, 25.5574, 47.7967



36.1748, 25.5574, 29.8145



34.8265, 25.5574, 16.6526

Triad

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



36.1748, 25.5574, 29.8145



19.9885, 25.5574, 8.7895



18.9751, 25.5574, 60.5358

Complementary

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



36.1748, 25.5574, 29.8145



35.4507, 50.9427, 45.0130

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.



16.1293, 25.5574, 43.1345



36.1748, 25.5574, 29.8145



16.6508, 25.5574, 14.3771

Square

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



36.1748, 25.5574, 29.8145



24.9757, 25.5574, 7.4708



15.3455, 25.5574, 25.9311



23.6200, 25.5574, 69.2142

Rectangle

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



36.1748, 25.5574, 29.8145



32.1889, 25.5574, 11.4179



15.3455, 25.5574, 25.9311



17.8046, 25.5574, 55.2584

Sweetspot

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



36.1755, 25.5587, 29.8150



80.4976, 76.5606, 86.5837



32.3320, 22.8525, 62.3814



16.8396, 15.7649, 17.9149



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.



36.1755, 25.5587, 29.8150



52.8543, 33.9151, 38.3980



34.7282, 26.7612, 16.7013



11.9961, 11.8832, 13.2551



17.1768, 8.7436, 5.8373



0.9989, 0.5043, 0.5288

Inverse Universe

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



36.1755, 25.5587, 29.8150



52.8543, 33.9151, 38.3980



37.3373, 47.8091, 66.9347



11.9961, 11.8832, 13.2551



17.1768, 8.7436, 5.8373



0.9989, 0.5043, 0.5288

Previews

White Background



This preview shows how the XYZ color 36.1748, 25.5574, 29.8145 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 36.1748, 25.5574, 29.8145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

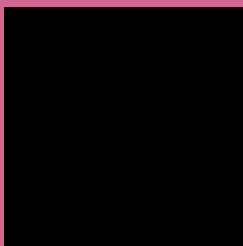
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.1748, 25.5574, 29.8145

Background



This preview shows how black text looks on a background with the XYZ color 36.1748, 25.5574, 29.8145.



This preview shows how white text looks on a background with the XYZ color 36.1748, 25.5574,

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

36.1748, 25.5574, 29.8145

Protanopia

25.5529, 25.8801, 39.2459

Deuteranopia

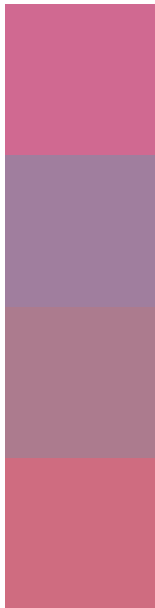
26.2076, 25.6190, 28.3746



Tritanopia

34.2995, 25.5817, 20.2695

Trichromacy



Original Color

36.1748, 25.5574, 29.8145

Protanomaly

28.1296, 24.8639, 35.6644

Deuteranomaly

28.9787, 24.8896, 28.8680

Tritanomaly

34.9910, 25.5490, 23.5093

Monochromacy



Original Color

36.1748, 25.5574, 29.8145

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.9889, 25.1311, 28.9668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1748, 25.5574, 29.8145 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(208, 105, 145)` looks like.

```
.text, #text, p{  
    color:rgb(208, 105, 145)  
}
```

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(208, 105, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 105, 145) }
```

Border

The CSS property to change the border of an element to XYZ 36.1748, 25.5574, 29.8145 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(208, 105, 145) }
```


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

```
.border{ border-color:rgb(208, 105, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 105, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 105, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 105, 145);  
box-shadow:4px 4px 4px 4px rgb(208, 105,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1748, 25.5574, 29.8145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 105, 145) }
```

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

```
.background{ background-color: rgb(208,  
105, 145) }
```

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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