

Converting Colors

XYZ(36.6359, 25.8734, 33.2001)

Have a look what the booklet for
XYZ(36.6359, 25.8734, 33.2001)
contains.

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Color

**XYZ(36.6359, 25.8734,
33.2001)**

Conversions

Conversions Part 1

Format	Color
Hex	CF6A99
RGB	207, 106, 153
RGB Percent	81%, 42%, 60%
CMY	0.1882, 0.5843, 0.4000
CMYK	0.00, 0.49, 0.26, 0.19
HSL	332°, 51%, 61%
HSV	332°, 49%, 81%
XYZ	36.6359, 25.8734, 33.2001
YIQ	141.5570, 45.1090, 36.0290

Conversions

Conversions Part 2

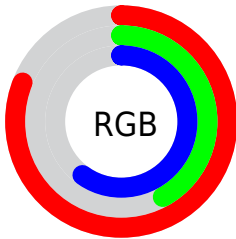
Format	Color
R_{YB}	207, 106, 153
Decimal	13593241
CIE _{Lab}	57.92, 45.27, -7.17
CIE _{LCh}	58, 45.839, 350.999
Yxy	25.8734, 0.3828, 0.2703
Android (android.graphics.Color)	4291783321 (0xFFCF6A99)
YUV	141.5570, 5.6414, 57.3935
Hunter-Lab	50.8659, 39.5484, -3.0924

Details

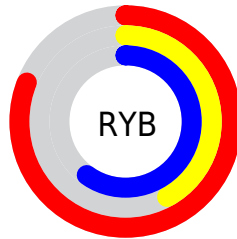
The XYZ color **36.6359, 25.8734, 33.2001** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.6031, 50.2285, 41.1316**, and the grayscale version is **25.5032, 26.8313, 29.2193**.

A 20% lighter version of the original color is **65.0733, 50.9066, 65.4277**, and **16.2951, 10.0817, 13.6575** is the 20% darker color. If you saturate the color by 10%, you get **33.8822, 21.7617, 27.9793**, and if you desaturate by 10%, it is **39.9907, 31.0512, 39.0401**.

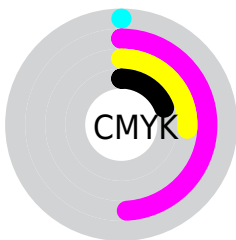
Distribution



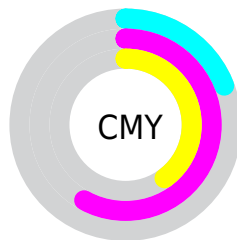
- Red (81%)
- Green (42%)
- Blue (60%)



- Red (81%)
- Yellow (42%)
- Blue (60%)



- Cyan (0%)
- Magenta (49%)
- Yellow (26%)
- Black (19%)





- Cyan (19%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6359, 25.8734, 33.2001 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 36.6359, 25.8734, 33.2001 by changing the saturation by 10% instead.


 36.6359, 25.8734,
33.2001


 36.6359, 25.8734,
33.2001


323.1144,
282.1601, 331.2101


 25.0981, 16.7290,
22.0074


 69.3299, 53.0706,
65.8074

 16.2793, 10.0414,
13.6640


 91.2168, 71.8922,
88.0591

 9.8141, 5.4264,
7.7513


 117.2842, 94.7083,
114.8342

 5.3372, 2.4996,
3.8507

 147.8973,
121.9033, 146.5513

 2.4832, 0.8764,
1.5438

183.4215,
153.8616, 183.6289

 0.8868, 0.0000,
0.2502

224.2222,

 0.0000, 0.0000,

190.9675, 226.4855

0.0000

270.6647,
233.6055, 275.5397

■ 36.6359, 25.8734,
33.2001

■ 36.6359, 25.8734,
33.2001

■ 33.8822, 21.7617,
27.9793

■ 39.9907, 31.0512,
39.0401

■ 31.6875, 18.6360,
23.3517

■ 43.9804, 37.3599,
45.5209

■ 30.0072, 16.4109,
19.2908


■ 48.6391, 44.8638,
52.6643


■ 28.7884, 14.9847,
15.7667


■ 53.9974, 53.6210,
60.4909


■ 27.9480, 14.1953,
12.7385


■ 60.0841, 63.6860,
69.0200

 27.8583, 14.1159,
12.4004

 66.9264, 75.1099,
78.2700

 74.5499, 87.9411,
88.2589

 77.4507, 91.1688,
97.1608

 79.1600, 91.8525,
106.1616

Harmonies

Analogous

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



33.7974, 25.8734, 51.9598



36.6359, 25.8734, 33.2001



35.8919, 25.8734, 18.6219

Triad

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



36.6359, 25.8734, 33.2001



20.9809, 25.8734, 8.2550



18.4985, 25.8734, 59.0147

Complementary

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



36.6359, 25.8734, 33.2001



34.6031, 50.2285, 41.1316

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.



15.9539, 25.8734, 40.5299



36.6359, 25.8734, 33.2001



17.2310, 25.8734, 13.0446

Square

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



36.6359, 25.8734, 33.2001



26.2901, 25.8734, 7.5505



15.5274, 25.8734, 23.6786



22.9684, 25.8734, 70.1257

Rectangle

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



36.6359, 25.8734, 33.2001



33.5041, 25.8734, 12.5644



15.5274, 25.8734, 23.6786



17.4194, 25.8734, 53.1911

Sweetspot

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



36.6366, 25.8747, 33.2006



80.9187, 76.7290, 88.8010



30.8883, 22.2745, 61.7030



16.9406, 15.8053, 18.4467



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.



36.6366, 25.8747, 33.2006



53.9403, 34.3495, 44.1170



33.8425, 25.3231, 16.7415



12.0343, 11.8985, 13.4567



17.5988, 8.9124, 8.0595



1.0239, 0.5143, 0.6607

Inverse Universe

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



36.6366, 25.8747, 33.2006



53.9403, 34.3495, 44.1170



38.7130, 50.5813, 66.7544



12.0343, 11.8985, 13.4567



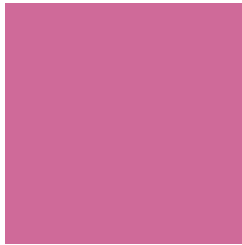
17.5988, 8.9124, 8.0595



1.0239, 0.5143, 0.6607

Previews

White Background



This preview shows how the XYZ color 36.6359, 25.8734, 33.2001 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 36.6359, 25.8734, 33.2001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

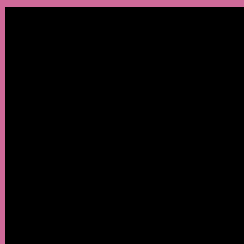
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.6359, 25.8734, 33.2001

Background



This preview shows how black text looks on a background with the XYZ color 36.6359, 25.8734, 33.2001.



This preview shows how white text looks on a background with the XYZ color 36.6359, 25.8734,

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

36.6359, 25.8734, 33.2001

Protanopia

26.0885, 26.0582, 43.6991

Deuteranopia

26.5439, 26.1360, 31.6627



Tritanopia

34.1472, 25.8062, 21.2705

Trichromacy



Original Color

36.6359, 25.8734, 33.2001

Protanomaly

28.6419, 25.0458, 39.4011

Deuteranomaly

29.4162, 25.4153, 32.2094

Tritanomaly

34.9864, 25.8245, 25.3309

Monochromacy



Original Color

36.6359, 25.8734, 33.2001

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.7644, 25.8828, 30.6740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6359, 25.8734, 33.2001 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(207, 106, 153)` looks like.

```
.text, #text, p{  
    color:rgb(207, 106, 153)  
}
```

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(207, 106, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 106, 153) }
```

Border

The CSS property to change the border of an element to XYZ 36.6359, 25.8734, 33.2001 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(207, 106, 153) }
```


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

```
.border{ border-color:rgb(207, 106, 153) }
```

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

Here you see how a box with a 4 pixel rgb(207, 106, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 106, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 106, 153);  
box-shadow:4px 4px 4px 4px rgb(207, 106,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6359, 25.8734, 33.2001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 106, 153) }
```

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

```
.background{ background-color: rgb(207,  
106, 153) }
```

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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