

Converting Colors

XYZ(36.7466, 25.6578, 33.5492)

Have a look what the booklet for
XYZ(36.7466, 25.6578, 33.5492)
contains.

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Color

**XYZ(36.7955, 25.6436,
33.5822)**

Conversions

Conversions Part 1

Format	Color
Hex	D0689A
RGB	208, 104, 154
RGB Percent	82%, 41%, 60%
CMY	0.1843, 0.5921, 0.3961
CMYK	0.00, 0.50, 0.26, 0.18
HSL	331°, 53%, 61%
HSV	331°, 50%, 82%
XYZ	36.7955, 25.6436, 33.5822
YIQ	140.7960, 45.9340, 37.5980

Conversions

Conversions Part 2

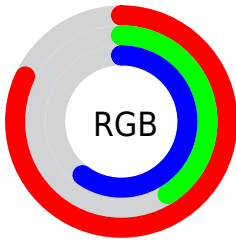
Format	Color
RYB	208, 104, 154
Decimal	13658266
CIELab	57.70, 46.75, -8.06
CIELCh	58, 47.439, 350.213
Yxy	25.6436, 0.3832, 0.2671
Android (android.graphics.Color)	4291848346 (0xFFD0689A)
YUV	140.7960, 6.5096, 58.9379
Hunter-Lab	50.6395, 41.0819, -3.8712

Details

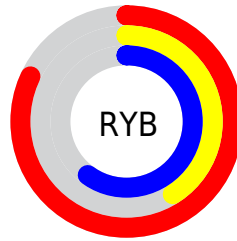
The XYZ color **36.7955, 25.6436, 33.5822** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.4376, 50.5242, 40.2874**, and the grayscale version is **25.2011, 26.5135, 28.8732**.

A 20% lighter version of the original color is **64.8520, 50.2678, 65.9591**, and **16.3945, 9.9262, 13.8838** is the 20% darker color. If you saturate the color by 10%, you get **34.0947, 21.6172, 28.4417**, and if you desaturate by 10%, it is **40.0951, 30.7374, 39.3222**.

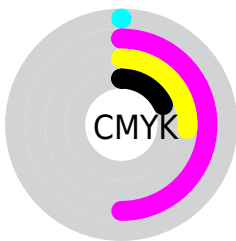
Distribution



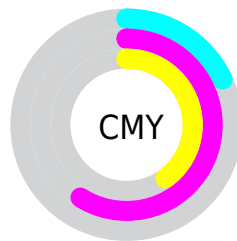
- Red (82%)
- Green (41%)
- Blue (60%)



- Red (82%)
- Yellow (41%)
- Blue (60%)



- Cyan (0%)
- Magenta (50%)
- Yellow (26%)
- Black (18%)





- Cyan (18%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7955, 25.6436, 33.5822 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 36.7955, 25.6436, 33.5822 by changing the saturation by 10% instead.

 36.7955, 25.6436,
33.5822


 36.7955, 25.6436,
33.5822

323.7952,
281.0281, 332.9772

 25.2221, 16.5572,
22.2981


 69.5740, 52.6994,
66.4099


 16.3722, 9.9193,
13.8757


 91.5099, 71.4376,
88.7905

 9.8805, 5.3455,
7.8965


 117.6307, 94.1619,
115.7070

 5.3814, 2.4514,
3.9420

 148.3017,
121.2567, 147.5780

 2.5098, 0.8521,
1.5936

183.8883,
153.1063, 184.8220

 0.9002, 0.0000,
0.2862

224.7558,

 0.0000, 0.0000,

190.0951, 227.8574

0.0000

271.2697,
232.6076, 277.1030

■ 36.7955, 25.6436,
33.5822

■ 36.7955, 25.6436,
33.5822

■ 34.0947, 21.6172,
28.4417

■ 40.0951, 30.7374,
39.3222

■ 31.9496, 18.5764,
23.8751

■ 44.0279, 36.9653,
45.6825

■ 30.3147, 16.4333,
19.8565


■ 48.6284, 44.3925,
52.6845


■ 29.1353, 15.0824,
16.3564


■ 53.9279, 53.0786,
60.3481


■ 28.3128, 14.3301,
13.3298


■ 59.9555, 63.0789,
68.6921

 28.3126, 14.3300,
13.3291

 66.7386, 74.4455,
77.7345

 74.3033, 87.2276,
87.4924

 77.5610, 91.2453,
96.2781

 79.2176, 91.9080,
105.0016

Harmonies

Analogous

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



33.7642, 25.6436, 53.0967



36.7955, 25.6436, 33.5822



36.1238, 25.6436, 18.4503

Triad

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



36.7955, 25.6436, 33.5822



20.7920, 25.6436, 7.6554



18.0321, 25.6436, 59.5061

Complementary

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



36.7955, 25.6436, 33.5822



34.4376, 50.5242, 40.2874

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.



15.4952, 25.6436, 40.1803



36.7955, 25.6436, 33.5822



16.9086, 25.6436, 12.3093

Square

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



36.7955, 25.6436, 33.5822



26.2772, 25.6436, 7.0514



15.1186, 25.6436, 22.9356



22.5640, 25.6436, 71.4683

Rectangle

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



36.7955, 25.6436, 33.5822



33.6994, 25.6436, 12.2065



15.1186, 25.6436, 22.9356



16.9495, 25.6436, 53.3702

Sweetspot

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



36.7962, 25.6449, 33.5827



81.0039, 76.7631, 89.2496



30.3849, 21.6983, 62.2616



16.9611, 15.8135, 18.5545



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.



36.7962, 25.6449, 33.5827



53.7838, 33.8797, 44.5480



33.6387, 24.6639, 16.0859



12.0421, 11.9016, 13.4973



17.6942, 8.9505, 8.5618



1.0294, 0.5165, 0.6894

Inverse Universe

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



36.7962, 25.6449, 33.5827



53.7838, 33.8797, 44.5480



39.2305, 51.7689, 67.5996



12.0421, 11.9016, 13.4973



17.6942, 8.9505, 8.5618



1.0294, 0.5165, 0.6894

Previews

White Background



This preview shows how the XYZ color 36.7955, 25.6436, 33.5822 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 36.7955, 25.6436, 33.5822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

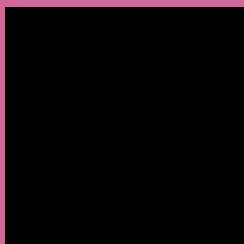
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.7955, 25.6436, 33.5822

Background



This preview shows how black text looks on a background with the XYZ color 36.7955, 25.6436, 33.5822.



This preview shows how white text looks on a background with the XYZ color 36.7955, 25.6436,

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

36.7955, 25.6436, 33.5822

Protanopia

25.9782, 25.9787, 44.7195

Deuteranopia

26.3015, 25.7938, 32.0262



Tritanopia

34.1911, 25.6799, 20.6074

Trichromacy



Original Color

36.7955, 25.6436, 33.5822

Protanomaly

28.6293, 25.0180, 40.3658

Deuteranomaly

29.3711, 25.1957, 32.5934

Tritanomaly

34.9810, 25.5129, 24.9106

Monochromacy



Original Color

36.7955, 25.6436, 33.5822

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.4245, 25.5130, 30.6205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7955, 25.6436, 33.5822 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, 104, 154)` looks like.

```
.text, #text, p{  
    color:rgb(208, 104, 154)  
}
```

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, 104, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 104, 154) }
```

Border

The CSS property to change the border of an element to XYZ 36.7955, 25.6436, 33.5822 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, 104, 154) }
```


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

```
.border{ border-color:rgb(208, 104, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 104, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 104, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 104, 154);  
box-shadow:4px 4px 4px 4px rgb(208, 104,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7955, 25.6436, 33.5822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 104, 154) }
```

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

```
.background{ background-color: rgb(208,  
104, 154) }
```

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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