

Converting Colors

XYZ(36.7182, 25.5939, 25.8325)

Have a look what the booklet for
XYZ(36.7182, 25.5939, 25.8325)
contains.

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Color

**XYZ(36.6640, 25.5959,
25.9298)**

Conversions

Conversions Part 1

Format	Color
Hex	D56787
RGB	213, 103, 135
RGB Percent	84%, 40%, 53%
CMY	0.1647, 0.5961, 0.4706
CMYK	0.00, 0.52, 0.37, 0.16
HSL	343°, 57%, 62%
HSV	343°, 52%, 84%
XYZ	36.6640, 25.5959, 25.9298
YIQ	139.5380, 55.2880, 33.2720

Conversions

Conversions Part 2

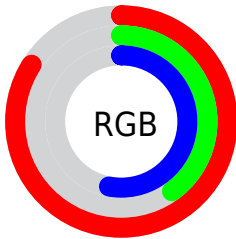
Format	Color
RYB	213, 103, 135
Decimal	13985671
CIELab	57.65, 46.51, 3.02
CIElCh	58, 46.609, 3.712
Yxy	25.5959, 0.4157, 0.2902
Android (android.graphics.Color)	4292175751 (0xFFD56787)
YUV	139.5380, -2.2372, 64.4262
Hunter-Lab	50.5924, 40.8212, 5.0271

Details

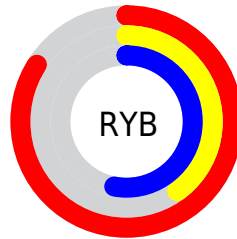
The XYZ color **36.6640, 25.5959, 25.9298** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.7296, 53.8089, 52.1167**, and the grayscale version is **24.7424, 26.0309, 28.3477**.

A 20% lighter version of the original color is **62.3741, 49.0048, 53.7483**, and **16.3379, 9.9217, 9.8581** is the 20% darker color. If you saturate the color by 10%, you get **33.8197, 21.4901, 20.1019**, and if you desaturate by 10%, it is **40.2002, 30.8438, 32.7332**.

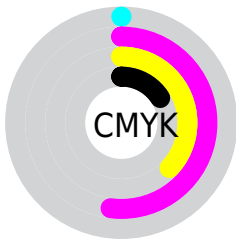
Distribution



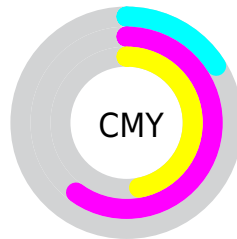
- Red (84%)
- Green (40%)
- Blue (53%)



- Red (84%)
- Yellow (40%)
- Blue (53%)



- Cyan (0%)
- Magenta (52%)
- Yellow (37%)
- Black (16%)





- Cyan (16%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6640, 25.5959, 25.9298 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 36.6640, 25.5959, 25.9298 by changing the saturation by 10% instead.


 36.6640, 25.5959,
25.9298


 36.6640, 25.5959,
25.9298


323.2344,
280.7927, 296.0318


 25.1199, 16.5216,
16.5458


 69.3729, 52.6223,
54.1444


 16.2956, 9.8940,
9.7527


 91.2684, 71.3432,
73.8121

 9.8258, 5.3287,
5.1318


 117.3452, 94.0484,
97.7447

 5.3450, 2.4414,
2.2647

 147.9685,
121.1223, 126.3609

 2.4879, 0.8471,
0.7114

183.5037,
152.9492, 160.0792

 0.8891, 0.0000,
0.0000

224.3162,

 0.0000, 0.0000,

189.9137, 199.3181

0.0000

270.7713,
232.4001, 244.4961

■ 36.6640, 25.5959,
25.9298

■ 36.6640, 25.5959,
25.9298

■ 33.8197, 21.4901,
20.1019

■ 40.2002, 30.8438,
32.7332

■ 31.6169, 18.4363,
15.2008

■ 44.4695, 37.3070,
40.5546

■ 30.0018, 16.3371,
11.1754

■ 49.5124, 45.0574,
49.4352

■ 28.9095, 15.0748,
7.9681

■ 55.3656, 54.1599,
59.4139

■ 28.3089, 14.4935,
5.8566

■ 62.0636, 64.6752,
70.5272

■ 69.6387, 76.6602,
82.8100

■ 78.1215, 90.1687,
96.2957

■ 81.2506, 92.8861,
108.2542

Harmonies

Analogous

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



35.2553, 25.5959, 43.7899



36.6640, 25.5959, 25.9298



34.3744, 25.5959, 14.0715

Triad

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



36.6640, 25.5959, 25.9298



18.8524, 25.5959, 9.3430



19.8844, 25.5959, 65.4309

Complementary

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



36.6640, 25.5959, 25.9298



37.7296, 53.8089, 52.1167

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.



16.4590, 25.5959, 48.6070



36.6640, 25.5959, 25.9298



15.9302, 25.5959, 16.3680

Square

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



36.6640, 25.5959, 25.9298



23.6410, 25.5959, 7.0932



15.1254, 25.5959, 29.9038



25.0284, 25.5959, 71.0787

Rectangle

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



36.6640, 25.5959, 25.9298



31.2370, 25.5959, 9.7302



15.1254, 25.5959, 29.9038



18.5214, 25.5959, 60.6452

Sweetspot

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



36.6647, 25.5972, 25.9303



79.9748, 76.3515, 83.8307



35.6840, 24.2094, 65.7429



16.7146, 15.7149, 17.2565



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.



36.6647, 25.5972, 25.9303



50.4548, 31.7707, 29.4149



37.2234, 29.7941, 16.6226



12.5703, 12.4796, 13.6777



17.3311, 8.8688, 3.7817



1.0812, 0.5492, 0.4167

Inverse Universe

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



36.6647, 25.5972, 25.9303



50.4548, 31.7707, 29.4149



36.2356, 44.9502, 69.7172



12.5703, 12.4796, 13.6777



17.3311, 8.8688, 3.7817



1.0812, 0.5492, 0.4167

Previews

White Background



This preview shows how the XYZ color 36.6640, 25.5959, 25.9298 looks on a white background.

Color Contrast Check

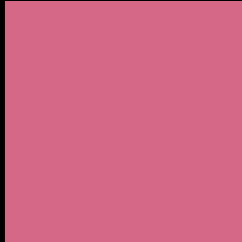
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6640, 25.5959, 25.9298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

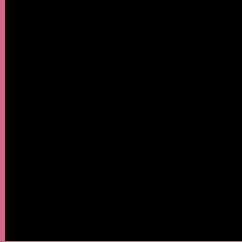
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.6640, 25.5959, 25.9298

Background



This preview shows how black text looks on a background with the XYZ color 36.6640, 25.5959, 25.9298.



This preview shows how white text looks on a background with the XYZ color 36.6640, 25.5959,

25.9298.

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

36.6640, 25.5959, 25.9298

Protanopia

25.4058, 25.8956, 35.1118

Deuteranopia

26.2647, 25.7298, 24.7011



Tritanopia

35.1589, 25.5792, 19.0038

Trichromacy



Original Color

36.6640, 25.5959, 25.9298

Protanomaly

28.1960, 24.8047, 31.3187

Deuteranomaly

29.3793, 25.1790, 25.1414

Tritanomaly

35.8183, 25.7103, 21.4871

Monochromacy



Original Color

36.6640, 25.5959, 25.9298

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

28.1132, 25.2292, 27.4328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6640, 25.5959, 25.9298 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(213, 103, 135)` looks like.

```
.text, #text, p{  
    color:rgb(213, 103, 135)  
}
```

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(213, 103, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 103, 135) }
```

Border

The CSS property to change the border of an element to XYZ 36.6640, 25.5959, 25.9298 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(213, 103, 135) }
```


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

```
.border{ border-color:rgb(213, 103, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 103, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 103, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 103, 135);  
box-shadow:4px 4px 4px 4px rgb(213, 103,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6640, 25.5959, 25.9298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 103, 135) }
```

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

```
.background{ background-color: rgb(213,  
103, 135) }
```

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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