

Converting Colors

XYZ(37.6056, 26.1957, 35.7724)

Have a look what the booklet for
XYZ(37.6056, 26.1957, 35.7724)
contains.

XYZ(37.6041, 26.1617, 35.8686)	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(37.6041, 26.1617,
35.8686)**

Conversions

Conversions Part 1

Format	Color
Hex	D1699F
RGB	209, 105, 159
RGB Percent	82%, 41%, 62%
CMY	0.1804, 0.5882, 0.3765
CMYK	0.00, 0.50, 0.24, 0.18
HSL	329°, 53%, 62%
HSV	329°, 50%, 82%
XYZ	37.6041, 26.1617, 35.8686
YIQ	142.2520, 44.6500, 38.8420

Conversions

Conversions Part 2

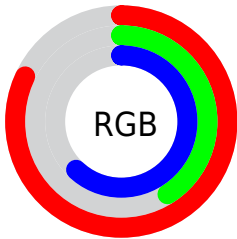
Format	Color
R_{YB}	209, 105, 159
Decimal	13724063
CIE _{Lab}	58.19, 47.27, -10.21
CIE _{LCh}	58, 48.364, 347.808
Yxy	26.1617, 0.3774, 0.2626
Android (android.graphics.Color)	4291914143 (0xFFD1699F)
YUV	142.2520, 8.2568, 58.5380
Hunter-Lab	51.1485, 41.7223, -5.7740

Details

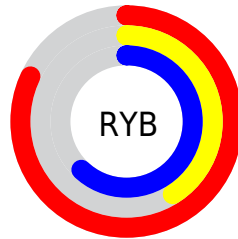
The XYZ color **37.6041, 26.1617, 35.8686** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.5439, 50.9715, 39.0308**, and the grayscale version is **25.7677, 27.1096, 29.5224**.

A 20% lighter version of the original color is **65.7757, 50.9113, 69.9784**, and **16.8837, 10.2141, 15.2690** is the 20% darker color. If you saturate the color by 10%, you get **34.8942, 22.0809, 30.8366**, and if you desaturate by 10%, it is **40.9095, 31.3195, 41.4494**.

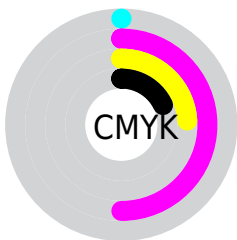
Distribution



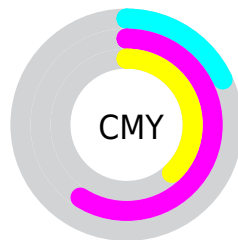
- Red (82%)
- Green (41%)
- Blue (62%)



- Red (82%)
- Yellow (41%)
- Blue (62%)



- Cyan (0%)
- Magenta (50%)
- Yellow (24%)
- Black (18%)




- Cyan (18%)
- Magenta (59%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6041, 26.1617, 35.8686 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 37.6041, 26.1617, 35.8686 by changing the saturation by 10% instead.


 37.6041, 26.1617,
35.8686


 37.6041, 26.1617,
35.8686


327.2289,
283.5750, 343.4059


 25.8514, 16.9446,
24.0438

 70.8087, 53.5357,
69.9960


 16.8446, 10.1950,
15.1536


 92.9914, 72.4614,
93.1357

 10.2184, 5.5285,
8.7795


 119.3813, 95.3922,
120.8841

 5.6074, 2.5605,
4.5028

 150.3440,
122.7123, 153.6597

 2.6462, 0.9069,
1.9050

186.2448,
154.8063, 191.8812

 0.9696, 0.0000,
0.4959

227.4489,

 0.0000, 0.0000,

192.0585, 235.9670

0.0000

274.3218,
234.8532, 286.3357

■ 37.6041, 26.1617,
35.8686

■ 37.6041, 26.1617,
35.8686

■ 34.8942, 22.0809,
30.8366

■ 40.9095, 31.3195,
41.4494

■ 32.7367, 18.9945,
26.3300

■ 44.8448, 37.6212,
47.5977

■ 31.0863, 16.8142,
22.3253


■ 49.4443, 45.1328,
54.3330


■ 29.8884, 15.4340,
18.7955


■ 54.7391, 53.9140,
61.6730


■ 29.0474, 14.6653,
15.6993


■ 60.7583, 64.0207,
69.6348

 29.0289, 14.6491,
15.6288

 67.5294, 75.5053,
78.2345

 75.0781, 88.4175,
87.4878

 77.6922, 91.3304,
95.4971

 79.2219, 91.9423,
103.5524

Harmonies

Analogous

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



34.1965, 26.1617, 56.1633



37.6041, 26.1617, 35.8686



37.2284, 26.1617, 19.7025

Triad

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



37.6041, 26.1617, 35.8686



21.5726, 26.1617, 7.4680



18.0323, 26.1617, 59.7574

Complementary

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



37.6041, 26.1617, 35.8686



34.5439, 50.9715, 39.0308

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.



15.5968, 26.1617, 39.5541



37.6041, 26.1617, 35.8686



17.4086, 26.1617, 11.8292

Square

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



37.6041, 26.1617, 35.8686



27.3254, 26.1617, 7.1373



15.3881, 26.1617, 22.1924



22.5586, 26.1617, 73.1778

Rectangle

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



37.6041, 26.1617, 35.8686



34.8870, 26.1617, 12.9146



15.3881, 26.1617, 22.1924



16.9749, 26.1617, 53.2387

Sweetspot

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



37.6049, 26.1630, 35.8691



81.2175, 76.8486, 90.3747



29.7993, 21.5325, 62.9075



17.0125, 15.8341, 18.8250



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.



37.6049, 26.1630, 35.8691



54.3769, 34.1170, 47.6716



34.0788, 24.7526, 17.3011



12.0614, 11.9093, 13.5990



17.9484, 9.0522, 9.9002



1.0436, 0.5221, 0.7642

Inverse Universe

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



37.6049, 26.1630, 35.8691



54.3769, 34.1170, 47.6716



39.7110, 53.0384, 66.2406



12.0614, 11.9093, 13.5990



17.9484, 9.0522, 9.9002



1.0436, 0.5221, 0.7642

Previews

White Background



This preview shows how the XYZ color 37.6041, 26.1617, 35.8686 looks on a white background.

Color Contrast Check

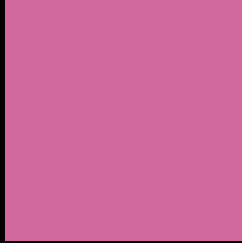
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.6041, 26.1617, 35.8686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

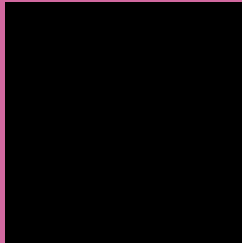
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.6041, 26.1617, 35.8686

Background



This preview shows how black text looks on a background with the XYZ color 37.6041, 26.1617, 35.8686.



This preview shows how white text looks on a background with the XYZ color 37.6041, 26.1617,

35.8686.

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

37.6041, 26.1617, 35.8686

Protanopia

26.7294, 26.5098, 47.9641

Deuteranopia

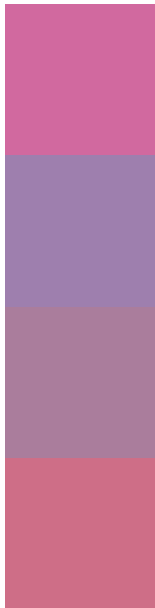
26.8496, 26.2373, 34.2210



Tritanopia

34.5332, 26.1699, 21.3204

Trichromacy



Original Color

37.6041, 26.1617, 35.8686

Protanomaly

29.3299, 25.5038, 43.4213

Deuteranomaly

29.9119, 25.6136, 34.8199

Tritanomaly

35.4027, 26.0229, 26.0787

Monochromacy



Original Color

37.6041, 26.1617, 35.8686

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.9214, 25.9456, 31.5007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6041, 26.1617, 35.8686 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(209, 105, 159)` looks like.

```
.text, #text, p{  
    color:rgb(209, 105, 159)  
}
```

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(209, 105, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 105, 159) }
```

Border

The CSS property to change the border of an element to XYZ 37.6041, 26.1617, 35.8686 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(209, 105, 159) }
```


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

```
.border{ border-color:rgb(209, 105, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 105, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 105, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 105, 159);  
box-shadow:4px 4px 4px 4px rgb(209, 105,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6041, 26.1617, 35.8686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 105, 159) }
```

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

```
.background{ background-color: rgb(209,  
105, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor