

Converting Colors

XYZ(41.7613, 26.6770, 59.5005)

Have a look what the booklet for
XYZ(41.7613, 26.6770, 59.5005)
contains.

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Color

**XYZ(41.6325, 26.5628,
59.4328)**

Conversions

Conversions Part 1

Format	Color
Hex	D261CB
RGB	210, 97, 203
RGB Percent	82%, 38%, 80%
CMY	0.1765, 0.6196, 0.2039
CMYK	0.00, 0.54, 0.03, 0.18
HSL	304°, 56%, 60%
HSV	304°, 54%, 82%
XYZ	41.6325, 26.5628, 59.4328
YIQ	142.8710, 33.3220, 56.9220

Conversions

Conversions Part 2

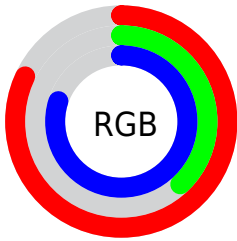
Format	Color
R _{YB}	210, 97, 203
Decimal	13787595
CIE _{Lab}	58.57, 58.31, -34.89
CIE _{LCh}	59, 67.951, 329.110
Y _{xy}	26.5628, 0.3262, 0.2081
Android (android.graphics.Color)	4291977675 (0xFFD261CB)
Y _{UV}	142.8710, 29.6436, 58.8721
Hunter-Lab	51.5391, 53.9961, -32.2934

Details

The XYZ color **41.6325, 26.5628, 59.4328** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **30.4762, 49.6350, 21.0725**, and the grayscale version is **25.9343, 27.2849, 29.7132**.

A 20% lighter version of the original color is **70.5182, 50.9365, 100.7227**, and **19.2410, 10.4280, 29.0157** is the 20% darker color. If you saturate the color by 10%, you get **39.7886, 23.1215, 58.0566**, and if you desaturate by 10%, it is **43.9931, 31.0341, 60.9881**.

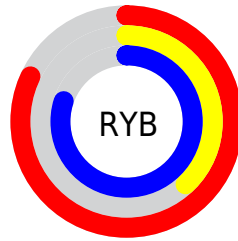
Distribution



Red (82%)

Green (38%)

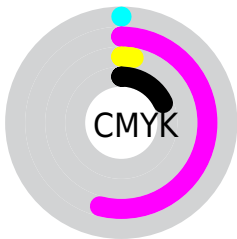
Blue (80%)



Red (82%)

Yellow (38%)

Blue (80%)

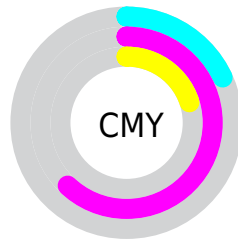


Cyan (0%)

Magenta (54%)

Yellow (3%)

Black (18%)



Cyan (18%)


Magenta (62%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6325, 26.5628, 59.4328 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 41.6325, 26.5628, 59.4328 by changing the saturation by 10% instead.


 41.6325, 26.5628,
59.4328


 41.6325, 26.5628,
59.4328

343.9748,
285.5340, 440.2504

 29.0035, 17.2451,
42.5393

 76.9118, 54.1815,
105.5417


 19.2278, 10.4094,
29.1951


 100.2928, 73.2513,
135.5943

 11.9399, 5.6713,
18.9816


 127.9885, 96.3407,
170.8702

 6.7747, 2.6462,
11.4803

 160.3642,
123.8339, 211.7882

 3.3667, 0.9500,
6.2727

197.7853,
156.1155, 258.7666

 1.3505, 0.0000,
2.9401

240.6173,

 0.2205, 0.0000,

193.5698, 312.2241

1.0641

289.2253,
236.5811, 372.5792

■ 0.0000, 0.0000,
0.0000

■ 41.6325, 26.5628,
59.4328

■ 41.6325, 26.5628,
59.4328

■ 39.7886, 23.1215,
58.0566

■ 43.9931, 31.0341,
60.9881

■ 38.4171, 20.6235,
56.8440

■ 46.9045, 36.6056,
62.7332

■ 37.4710, 18.9742,
55.7797

■ 50.4012, 43.3457,
64.6799

■ 36.8922, 18.0576,
54.8441

■ 54.5141, 51.3161,
66.8385

■ 36.6557, 17.7326,
54.3085

■ 59.2720, 60.5742,
69.2185

■ 64.7016, 71.1739,
71.8289

■ 70.8285, 83.1658,
74.6783

■ 74.4009, 90.0467,
76.6827

■ 74.5672, 90.1132,
77.5582

Harmonies

Analogous

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



33.8659, 26.5628, 90.3393



41.6325, 26.5628, 59.4328



44.8811, 26.5628, 29.6406

Triad

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



41.6325, 26.5628, 59.4328



25.4967, 26.5628, 3.0322



13.6819, 26.5628, 57.4607

Complementary

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



41.6325, 26.5628, 59.4328



30.4762, 49.6350, 21.0725

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.



12.3823, 26.5628, 28.2158



41.6325, 26.5628, 59.4328



18.2308, 26.5628, 4.5094

Square

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



41.6325, 26.5628, 59.4328



34.3926, 26.5628, 4.7190



13.8479, 26.5628, 11.1891



17.8863, 26.5628, 88.8257

Rectangle

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



41.6325, 26.5628, 59.4328



43.6014, 26.5628, 16.3568



13.8479, 26.5628, 11.1891



12.9380, 26.5628, 46.6837

Sweetspot

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



41.6334, 26.5640, 59.4333



82.9829, 76.5127, 102.8831



21.4622, 16.0668, 62.9435



17.4705, 15.8121, 21.8696



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.



41.6334, 26.5640, 59.4333



61.2736, 35.0226, 89.7017



36.1876, 24.3857, 30.7558



12.2779, 11.9959, 14.7390



22.3730, 10.8221, 33.2002



1.2608, 0.6090, 1.9079

Inverse Universe

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



41.6334, 26.5640, 59.4333



61.2736, 35.0226, 89.7017



34.2485, 51.1439, 40.9372



12.2779, 11.9959, 14.7390



22.3730, 10.8221, 33.2002



1.2608, 0.6090, 1.9079

Previews

White Background



This preview shows how the XYZ color 41.6325, 26.5628, 59.4328 looks on a white background.

Color Contrast Check

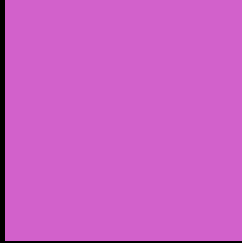
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.6325, 26.5628, 59.4328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

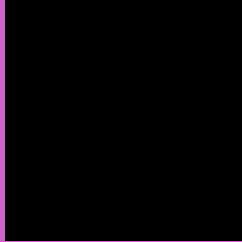
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.6325, 26.5628, 59.4328

Background



This preview shows how black text looks on a background with the XYZ color 41.6325, 26.5628, 59.4328.

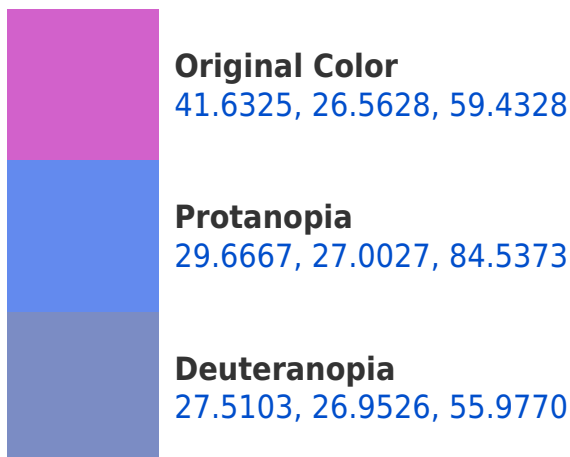


This preview shows how white text looks on a background with the XYZ color 41.6325, 26.5628,

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





Tritanopia

34.0345, 26.3890, 22.7018

Trichromacy



Original Color

41.6325, 26.5628, 59.4328



Protanomaly

31.3210, 25.0911, 74.4264



Deuteranomaly

31.0340, 25.5074, 57.3206



Tritanomaly

36.1202, 26.0746, 33.2661

Monochromacy



Original Color

41.6325, 26.5628, 59.4328



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

30.1887, 25.8538, 38.9965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6325, 26.5628, 59.4328 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(210, 97, 203)` looks like.

```
.text, #text, p{  
    color:rgb(210, 97, 203)  
}
```

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(210, 97, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 97, 203) }
```

Border

The CSS property to change the border of an element to XYZ 41.6325, 26.5628, 59.4328 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(210, 97, 203) }
```


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

```
.border{ border-color:rgb(210, 97, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 97, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 97, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 97, 203);  
box-shadow:4px 4px 4px 4px rgb(210, 97,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6325, 26.5628, 59.4328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 97, 203) }
```

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

```
.background{ background-color: rgb(210, 97,  
203) }
```

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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