

Converting Colors

XYZ(56.1795, 36.6834, 75.9414)

Have a look what the booklet for
XYZ(56.1795, 36.6834, 75.9414)
contains.

XYZ(56.2485, 36.6825, 76.0673)	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(56.2485, 36.6825,
76.0673)**

Conversions

Conversions Part 1

Format	Color
Hex	F174E2
RGB	241, 116, 226
RGB Percent	95%, 45%, 89%
CMY	0.0549, 0.5451, 0.1137
CMYK	0.00, 0.52, 0.06, 0.05
HSL	307°, 82%, 70%
HSV	307°, 52%, 95%
XYZ	56.2485, 36.6825, 76.0673
YIQ	165.9150, 39.1900, 60.7100

Conversions

Conversions Part 2

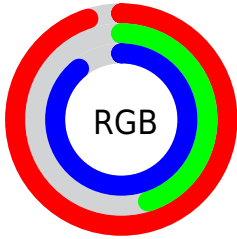
Format	Color
R _Y B	241, 116, 226
Decimal	15824098
CIE Lab	67.04, 61.86, -34.29
CIE LCh	67, 70.732, 330.998
Yxy	36.6825, 0.3328, 0.2171
Android (android.graphics.Color)	4294014178 (0xFFFF174E2)
YUV	165.9150, 29.6219, 65.8495
Hunter-Lab	60.5661, 59.7846, -32.0684

Details

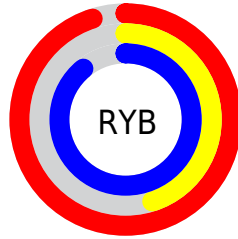
The XYZ color **56.2485, 36.6825, 76.0673** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **42.7561, 68.2637, 32.3978**, and the grayscale version is **36.0540, 37.9316, 41.3075**.

A 20% lighter version of the original color is **74.0425, 57.9850, 101.8975**, and **28.1111, 15.9753, 39.6321** is the 20% darker color. If you saturate the color by 10%, you get **53.4290, 31.6726, 73.1861**, and if you desaturate by 10%, it is **59.7976, 43.1394, 79.2254**.

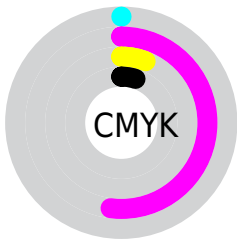
Distribution



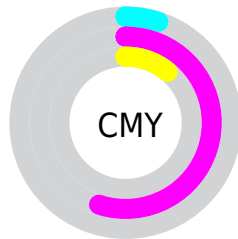
- Red (95%)
- Green (45%)
- Blue (89%)



- Red (95%)
- Yellow (45%)
- Blue (89%)



- Cyan (0%)
- Magenta (52%)
- Yellow (6%)
- Black (5%)





- Cyan (5%)
- Magenta (55%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2485, 36.6825, 76.0673 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 56.2485, 36.6825, 76.0673 by changing the saturation by 10% instead.


 56.2485, 36.6825,
76.0673

 56.2485, 36.6825,
76.0673


400.6872,
331.9339, 500.9310


 40.6400, 24.9618,
55.9807


 98.5055, 70.0842,
129.5830

 28.2243, 16.0486,
39.7836


 125.8847, 92.5339,
163.8492

 18.6361, 9.5585,
27.0573


 157.9182,
119.3288, 203.6790

 11.5101, 5.1072,
17.3835

194.9713,
150.8532, 249.4909

 6.4808, 2.3103,
10.3434

237.4094,
187.4915, 301.7036

 3.1830, 0.7792,
5.5187

285.5979,

 1.2513, 0.0000,

229.6281, 360.7354

2.4907

339.9020,
277.6475, 427.0051

■ 0.1463, 0.0000,
0.8352

■ 0.0000, 0.0000,
0.0000

■ 56.2485, 36.6825,
76.0673

■ 56.2485, 36.6825,
76.0673

■ 53.4290, 31.6726,
73.1861

■ 59.7976, 43.1394,
79.2254

■ 51.2784, 27.9906,
70.5604


■ 64.1235, 51.1398,
82.6753


■ 49.7324, 25.5071,
68.1689


■ 69.2737, 60.7780,
86.4334


■ 48.7122, 24.0646,
65.9852


■ 75.2908, 72.1393,
90.5139


 48.1697, 23.4585,
64.3286

 82.2146, 85.3029,
94.9303

 88.2673, 96.7135,
99.0902

 88.7085, 96.8900,
101.4135

 89.1566, 97.0692,
103.7732

 89.6117, 97.2513,
106.1696

Harmonies

Analogous

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



46.6310, 36.6825, 115.2085



56.2485, 36.6825, 76.0673



59.8854, 36.6825, 38.9192

Triad

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



56.2485, 36.6825, 76.0673



34.5070, 36.6825, 5.1754



19.9792, 36.6825, 78.8432

Complementary

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



56.2485, 36.6825, 76.0673



42.7561, 68.2637, 32.3978

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.



18.0131, 36.6825, 40.9805



56.2485, 36.6825, 76.0673



25.2670, 36.6825, 7.6530

Square

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



56.2485, 36.6825, 76.0673



45.8785, 36.6825, 7.3156



19.7319, 36.6825, 17.5652



25.7733, 36.6825, 117.3096

Rectangle

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



56.2485, 36.6825, 76.0673



57.9427, 36.6825, 22.2622



19.7319, 36.6825, 17.5652



18.9093, 36.6825, 65.1303

Sweetspot

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



56.2497, 36.6842, 76.0680



82.6088, 76.3631, 100.9133



31.4200, 23.6356, 86.1263



17.3804, 15.7761, 21.3950



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.



56.2497, 36.6842, 76.0680



60.6496, 35.8486, 83.0999



49.2159, 33.8706, 39.0282



16.3678, 15.9968, 19.4931



26.1545, 12.7342, 35.0600



2.1986, 1.0685, 3.0369

Inverse Universe

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



56.2497, 36.6842, 76.0680



60.6496, 35.8486, 83.0999



48.2942, 70.4789, 61.5611



16.3678, 15.9968, 19.4931



26.1545, 12.7342, 35.0600



2.1986, 1.0685, 3.0369

Previews

White Background



This preview shows how the XYZ color 56.2485, 36.6825, 76.0673 looks on a white background.

Color Contrast Check

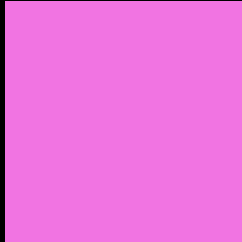
Large Text (above 18pt) WCAG AA × Fail

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 56.2485, 36.6825, 76.0673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

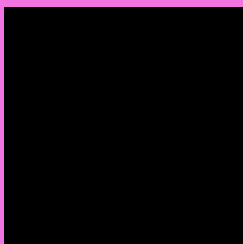
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2485, 36.6825, 76.0673

Background



This preview shows how black text looks on a background with the XYZ color 56.2485, 36.6825, 76.0673.

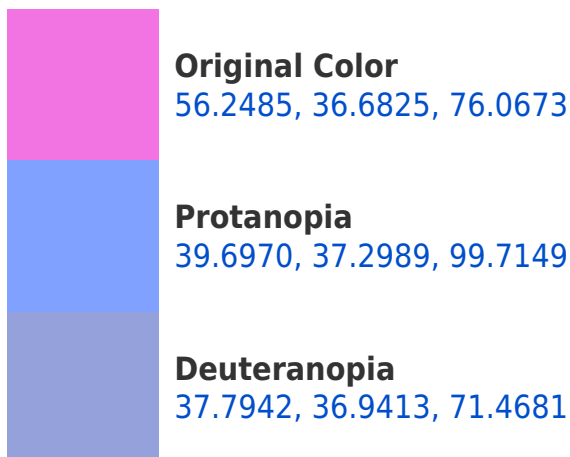


This preview shows how white text looks on a background with the XYZ color 56.2485, 36.6825,

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

47.0535, 36.5281, 31.3587

Trichromacy



Original Color

56.2485, 36.6825, 76.0673



Protanomaly

42.8167, 35.2175, 90.1289



Deuteranomaly

42.4679, 35.4163, 73.0043



Tritanomaly

49.6201, 36.1565, 44.4080

Monochromacy



Original Color

56.2485, 36.6825, 76.0673



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

41.6593, 36.1481, 52.3585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2485, 36.6825, 76.0673 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(241, 116, 226)` looks like.

```
.text, #text, p{  
    color:rgb(241, 116, 226)  
}
```

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(241, 116, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 116, 226) }
```

Border

The CSS property to change the border of an element to XYZ 56.2485, 36.6825, 76.0673 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(241, 116, 226) }
```


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

```
.border{ border-color:rgb(241, 116, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 116, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 116, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 116, 226);  
box-shadow:4px 4px 4px 4px rgb(241, 116,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2485, 36.6825, 76.0673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 116, 226) }
```

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

```
.background{ background-color: rgb(241,  
116, 226) }
```

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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