

Converting Colors

XYZ(56.7650, 35.0298, 62.1621)

Have a look what the booklet for
XYZ(56.7650, 35.0298, 62.1621)
contains.

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Color

**XYZ(56.7650, 35.0298,
62.1621)**

Conversions

Conversions Part 1

Format	Color
Hex	FE66CE
RGB	254, 102, 206
RGB Percent	100%, 40%, 81%
CMY	0.0039, 0.6000, 0.1922
CMYK	0.00, 0.60, 0.19, 0.00
HSL	319°, 99%, 70%
HSV	319°, 60%, 100%
XYZ	56.7650, 35.0298, 62.1621
YIQ	159.3040, 57.2080, 64.5680

Conversions

Conversions Part 2

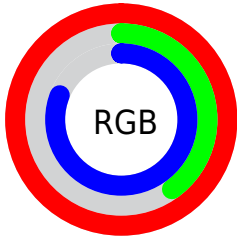
Format	Color
R_{YB}	254, 102, 206
Decimal	16672462
CIE _{Lab}	65.77, 68.60, -24.93
CIE _{LCh}	66, 72.991, 340.030
Yxy	35.0298, 0.3687, 0.2275
Android (android.graphics.Color)	4294862542 (0xFFFE66CE)
YUV	159.3040, 23.0211, 83.0484
Hunter-Lab	59.1860, 67.6231, -20.8412

Details

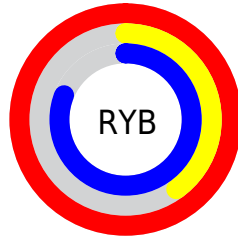
The XYZ color **56.7650, 35.0298, 62.1621** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **46.4281, 75.9116, 41.0629**, and the grayscale version is **32.9748, 34.6920, 37.7796**.

A 20% lighter version of the original color is **71.8608, 53.6216, 101.1703**, and **28.5272, 15.0899, 30.6873** is the 20% darker color. If you saturate the color by 10%, you get **53.6905, 30.4003, 56.4515**, and if you desaturate by 10%, it is **60.6559, 41.2115, 68.3908**.

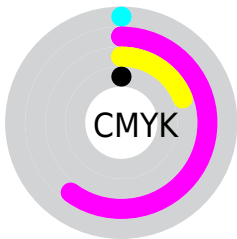
Distribution



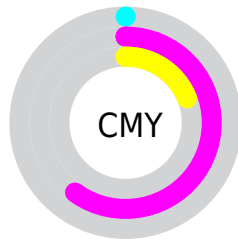
- Red (100%)
- Green (40%)
- Blue (81%)



- Red (100%)
- Yellow (40%)
- Blue (81%)



- Cyan (0%)
- Magenta (60%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7650, 35.0298, 62.1621 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 56.7650, 35.0298, 62.1621 by changing the saturation by 10% instead.


 56.7650, 35.0298,
62.1621


 56.7650, 35.0298,
62.1621

402.5966,
324.6998, 450.5461

 41.0560, 23.6858,
44.7271


 99.2556, 67.5319,
109.5336


 28.5507, 15.1007,
30.9011


 126.7678, 89.4589,
140.3072

 18.8838, 8.8901,
20.2657


 158.9452,
115.6823, 176.3641

 11.6898, 4.6696,
12.4024

 196.1531,
146.5865, 218.1227

 6.6035, 2.0547,
6.8925

238.7568,
182.5560, 266.0017

 3.2595, 0.6390,
3.3175

287.1217,

 1.2924, 0.0000,

223.9751, 320.4196

1.2590

341.6132,
271.2283, 381.7948

■ 0.1776, 0.0000,
0.0278

■ 0.0000, 0.0000,
0.0000

■ 56.7650, 35.0298,
62.1621

■ 56.7650, 35.0298,
62.1621

■ 53.6905, 30.4003,
56.4515

■ 60.6559, 41.2115,
68.3908

■ 51.3559, 27.1727,
51.2290

■ 65.4238, 49.0669,
75.1605

■ 49.6754, 25.1760,
46.4627

■ 71.1272, 58.7115,
82.4944

■ 48.5094, 24.1325,
42.1021

■ 77.8185, 70.2488,
90.4135

■ 48.4924, 24.1186,
42.0346

■ 85.5460, 83.7746,
98.9371

■ 94.3550, 99.3781,
108.0835

■ 94.6833, 99.8110,
108.8828

Harmonies

Analogous

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



48.4495, 35.0298, 103.8597



56.7650, 35.0298, 62.1621



58.0993, 35.0298, 28.7268

Triad

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



56.7650, 35.0298, 62.1621



29.8208, 35.0298, 4.4927



19.8350, 35.0298, 90.3388

Complementary

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



56.7650, 35.0298, 62.1621



46.4281, 75.9116, 41.0629

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.



16.7975, 35.0298, 49.4166



56.7650, 35.0298, 62.1621



21.6841, 35.0298, 8.3869

Square

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



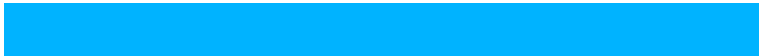
56.7650, 35.0298, 62.1621



40.8707, 35.0298, 5.1618



17.3923, 35.0298, 21.2758



26.7181, 35.0298, 125.3046

Rectangle

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



56.7650, 35.0298, 62.1621



54.6055, 35.0298, 15.5130



17.3923, 35.0298, 21.2758



18.4055, 35.0298, 76.1320

Sweetspot

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



56.7661, 35.0315, 62.1628



79.8683, 73.2313, 92.7571



34.7832, 22.9193, 96.3571



16.6399, 14.8830, 19.3358



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.



56.7661, 35.0315, 62.1628



53.5989, 29.8496, 55.7708



49.8182, 32.2524, 25.5755



18.5342, 18.1970, 21.4302



25.6355, 12.7435, 22.5289



2.5456, 1.2606, 2.4545

Inverse Universe

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



56.7661, 35.0315, 62.1628



53.5989, 29.8496, 55.7708



54.3231, 79.0696, 82.6373



18.5342, 18.1970, 21.4302



25.6355, 12.7435, 22.5289



2.5456, 1.2606, 2.4545

Previews

White Background



This preview shows how the XYZ color 56.7650, 35.0298, 62.1621 looks on a white background.

Color Contrast Check

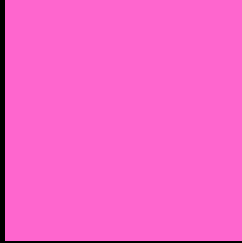
Large Text (above 18pt) WCAG AA × Fail

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 56.7650, 35.0298, 62.1621 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 56.7650, 35.0298, 62.1621

Background



This preview shows how black text looks on a background with the XYZ color 56.7650, 35.0298, 62.1621.



This preview shows how white text looks on a background with the XYZ color 56.7650, 35.0298,

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

56.7650, 35.0298, 62.1621

Protanopia

37.7526, 35.4033, 93.6507

Deuteranopia

36.0396, 35.3133, 57.7400



Tritanopia

49.1576, 35.0339, 24.9402

Trichromacy



Original Color

56.7650, 35.0298, 62.1621



Protanomaly

40.8872, 32.6587, 81.2396



Deuteranomaly

41.1092, 33.2679, 58.8982



Tritanomaly

51.5275, 34.7929, 35.8982

Monochromacy



Original Color

56.7650, 35.0298, 62.1621



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

39.1731, 32.7809, 45.3370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7650, 35.0298, 62.1621 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(254, 102, 206)` looks like.

```
.text, #text, p{  
    color:rgb(254, 102, 206)  
}
```

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(254, 102, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 102, 206) }
```

Border

The CSS property to change the border of an element to XYZ 56.7650, 35.0298, 62.1621 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(254, 102, 206) }
```


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

```
.border{ border-color:rgb(254, 102, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 102, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 102, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 102, 206);  
box-shadow:4px 4px 4px 4px rgb(254, 102,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7650, 35.0298, 62.1621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 102, 206) }
```

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

```
.background{ background-color: rgb(254,  
102, 206) }
```

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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