

Converting Colors

XYZ(56.2616, 33.7229, 61.1349)

Have a look what the booklet for
XYZ(56.2616, 33.7229, 61.1349)
contains.

XYZ(56.2621, 33.6732, 61.2918)	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(56.2621, 33.6732,
61.2918)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5ECD
RGB	255, 94, 205
RGB Percent	100%, 37%, 80%
CMY	0.0000, 0.6313, 0.1961
CMYK	0.00, 0.63, 0.20, 0.00
HSL	319°, 100%, 68%
HSV	319°, 63%, 100%
XYZ	56.2621, 33.6732, 61.2918
YIQ	154.7930, 60.3250, 68.6530

Conversions

Conversions Part 2

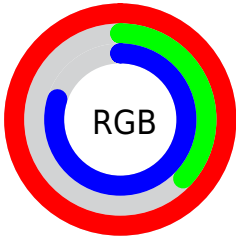
Format	Color
R _Y B	255, 94, 205
Decimal	16735949
CIE Lab	64.70, 71.96, -25.99
CIE LCh	65, 76.516, 340.139
Yxy	33.6732, 0.3720, 0.2227
Android (android.graphics.Color)	4294926029 (0xFFFF5ECD)
YUV	154.7930, 24.7521, 87.8815
Hunter-Lab	58.0286, 71.5160, -22.0041

Details

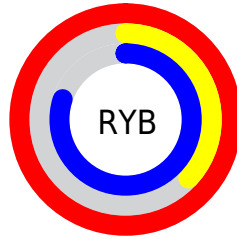
The XYZ color **56.2621, 33.6732, 61.2918** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **45.4117, 75.9140, 38.6483**, and the grayscale version is **30.9413, 32.5527, 35.4499**.

A 20% lighter version of the original color is **70.6812, 51.2625, 100.7771**, and **28.3785, 14.4103, 30.5639** is the 20% darker color. If you saturate the color by 10%, you get **53.4254, 29.4910, 55.7484**, and if you desaturate by 10%, it is **59.8977, 39.3751, 67.3409**.

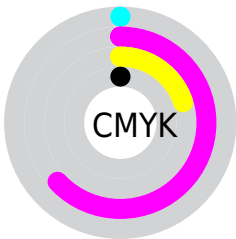
Distribution



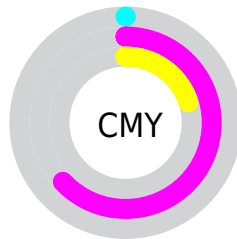
- Red (100%)
- Green (37%)
- Blue (80%)



- Red (100%)
- Yellow (37%)
- Blue (80%)



- Cyan (0%)
- Magenta (63%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2621, 33.6732, 61.2918 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 56.2621, 33.6732, 61.2918 by changing the saturation by 10% instead.


 56.2621, 33.6732,
61.2918


 56.2621, 33.6732,
61.2918

400.7375,
318.6724, 447.2792


 40.6509, 22.6427,
44.0286


 98.5253, 65.4251,
108.2630


 28.2329, 14.3299,
30.3556


 125.9080, 86.9153,
138.8080

 18.6426, 8.3505,
19.8544


 157.9453,
112.6609, 174.6175

 11.5148, 4.3200,
12.1062

 195.0025,
143.0461, 216.1098

 6.4841, 1.8541,
6.6926

237.4449,
178.4555, 263.7037

 3.1850, 0.5206,
3.1951

285.6380,

 1.2524, 0.0000,

219.2734, 317.8175

1.1951

339.9471,
265.8843, 378.8698

■ 0.1471, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2621, 33.6732,
61.2918

■ 56.2621, 33.6732,
61.2918

■ 53.4254, 29.4910,
55.7484

■ 59.8977, 39.3751,
67.3409

■ 51.3070, 26.6695,
50.6795

■ 64.3966, 46.7254,
73.9196

■ 49.8137, 25.0230,
46.0506

■ 69.8196, 55.8443,
81.0518

■ 49.0571, 24.3868,
43.0942

■ 76.2211, 66.8395,
88.7591

83.6512, 79.8101,
97.0612

92.1564, 94.8481,
105.9769

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



47.6422, 33.6732, 105.0682



56.2621, 33.6732, 61.2918



57.6222, 33.6732, 27.0138

Triad

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



56.2621, 33.6732, 61.2918



28.4294, 33.6732, 3.5381



18.4224, 33.6732, 91.1129

Complementary

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



56.2621, 33.6732, 61.2918



45.4117, 75.9140, 38.6483

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.



15.3919, 33.6732, 48.3766



56.2621, 33.6732, 61.2918



20.2297, 33.6732, 7.1391

Square

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



56.2621, 33.6732, 61.2918



39.7301, 33.6732, 4.1261



15.9675, 33.6732, 19.7151



25.3530, 33.6732, 128.0486

Rectangle

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



56.2621, 33.6732, 61.2918



53.9649, 33.6732, 13.9078



15.9675, 33.6732, 19.7151



16.9947, 33.6732, 76.1923

Sweetspot

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



56.2630, 33.6748, 61.2924



79.1651, 71.9564, 92.1178



33.2614, 21.0049, 96.9090



16.5045, 14.6360, 19.2172



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.



56.2630, 33.6748, 61.2924



52.7484, 28.5505, 54.2484



49.0228, 30.7787, 23.1659



18.5384, 18.1987, 21.4523



25.7036, 12.7707, 22.8873



2.5518, 1.2631, 2.4874

Inverse Universe

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



56.2630, 33.6748, 61.2924



52.7484, 28.5505, 54.2484



53.6696, 79.2172, 82.1338



18.5384, 18.1987, 21.4523



25.7036, 12.7707, 22.8873



2.5518, 1.2631, 2.4874

Previews

White Background



This preview shows how the XYZ color 56.2621, 33.6732, 61.2918 looks on a white background.

Color Contrast Check

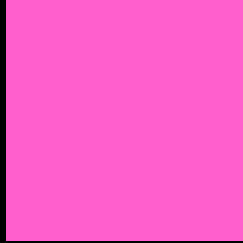
Large Text (above 18pt) WCAG AA × Fail

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 56.2621, 33.6732, 61.2918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

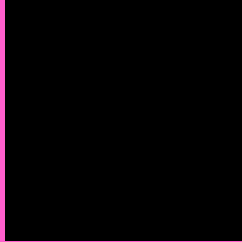
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2621, 33.6732, 61.2918

Background



This preview shows how black text looks on a background with the XYZ color 56.2621, 33.6732, 61.2918.



This preview shows how white text looks on a background with the XYZ color 56.2621, 33.6732,

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

56.2621, 33.6732, 61.2918

Protanopia

36.8720, 34.1325, 96.7403

Deuteranopia

34.6563, 33.8690, 56.9353



Tritanopia

48.0637, 33.4657, 22.6652

Trichromacy



Original Color

56.2621, 33.6732, 61.2918



Protanomaly

39.6088, 30.9357, 82.4808



Deuteranomaly

39.7953, 31.5732, 58.0296



Tritanomaly

50.4318, 33.1393, 33.8755

Monochromacy



Original Color

56.2621, 33.6732, 61.2918



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

37.4162, 30.8686, 43.5213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2621, 33.6732, 61.2918 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(255, 94, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 205)  
}
```

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(255, 94, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 205) }
```

Border

The CSS property to change the border of an element to XYZ 56.2621, 33.6732, 61.2918 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(255, 94, 205) }
```


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

```
.border{ border-color:rgb(255, 94, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2621, 33.6732, 61.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 205) }
```

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

```
.background{ background-color: rgb(255, 94,  
205) }
```

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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