

Converting Colors

XYZ(58.7952, 34.8831, 61.5457)

Have a look what the booklet for
XYZ(58.7952, 34.8831, 61.5457)
contains.

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Color

**XYZ(56.1738, 33.4965,
61.2624)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5DCD
RGB	255, 93, 205
RGB Percent	100%, 36%, 80%
CMY	0.0000, 0.6353, 0.1961
CMYK	0.00, 0.64, 0.20, 0.00
HSL	319°, 100%, 68%
HSV	319°, 64%, 100%
XYZ	56.1738, 33.4965, 61.2624
YIQ	154.2060, 60.6000, 69.1760

Conversions

Conversions Part 2

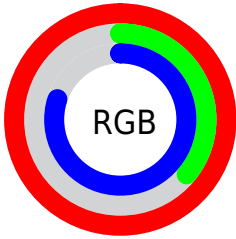
Format	Color
R _Y B	255, 93, 205
Decimal	16735693
CIE Lab	64.56, 72.35, -26.21
CIE LCh	65, 76.956, 340.086
Yxy	33.4965, 0.3722, 0.2219
Android (android.graphics.Color)	4294925773 (0xFFFF5DCD)
YUV	154.2060, 25.0414, 88.3963
Hunter-Lab	57.8762, 71.9663, -22.2456

Details

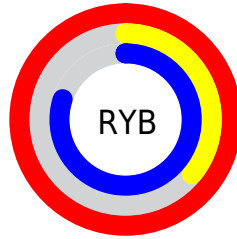
The XYZ color **56.1738, 33.4965, 61.2624** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **45.2336, 75.8310, 38.2427**, and the grayscale version is **30.6820, 32.2798, 35.1527**.

A 20% lighter version of the original color is **70.5182, 50.9365, 100.7227**, and **28.3245, 14.3022, 30.5459** is the 20% darker color. If you saturate the color by 10%, you get **53.3705, 29.3722, 55.7579**, and if you desaturate by 10%, it is **59.7724, 39.1346, 67.2685**.

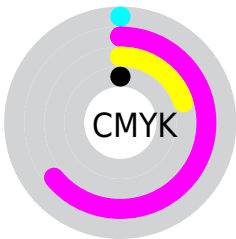
Distribution



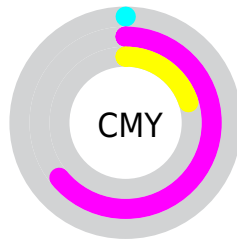
- Red (100%)
- Green (36%)
- Blue (80%)



- Red (100%)
- Yellow (36%)
- Blue (80%)



- Cyan (0%)
- Magenta (64%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1738, 33.4965, 61.2624 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 56.1738, 33.4965, 61.2624 by changing the saturation by 10% instead.


 56.1738, 33.4965,
61.2624


 56.1738, 33.4965,
61.2624

400.4106,
317.8811, 447.1686


 40.5798, 22.5071,
44.0050

 98.3970, 65.1499,
108.2200


 28.1771, 14.2300,
30.3372


 125.7569, 86.5827,
138.7573

 18.6004, 8.2808,
19.8405


 157.7695,
112.2654, 174.5584

 11.4842, 4.2751,
12.0962

 194.8002,
142.5823, 216.0417

 6.4632, 1.8286,
6.6859

237.2143,
177.9180, 263.6259

 3.1720, 0.5049,
3.1910

285.3771,

 1.2454, 0.0000,

218.6568, 317.7294

1.1930

339.6541,
265.1830, 378.7708

■ 0.1417, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1738, 33.4965,
61.2624

■ 56.1738, 33.4965,
61.2624

■ 53.3705, 29.3722,
55.7579

■ 59.7724, 39.1346,
67.2685

■ 51.2818, 26.6019,
50.7236

■ 64.2314, 46.4159,
73.8003

■ 49.8133, 24.9980,
46.1250

■ 69.6116, 55.4612,
80.8817

■ 49.1055, 24.4062,
43.3492

■ 75.9677, 66.3784,
88.5340

83.3499, 79.2671,
96.7772

91.8048, 94.2194,
105.6299

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.



47.5054, 33.4965, 105.2906



56.1738, 33.4965, 61.2624



57.5555, 33.4965, 26.8526

Triad

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



56.1738, 33.4965, 61.2624



28.2726, 33.4965, 3.4246



18.2334, 33.4965, 91.0913

Complementary

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



56.1738, 33.4965, 61.2624



45.2336, 75.8310, 38.2427

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.



15.2137, 33.4965, 48.1514



56.1738, 33.4965, 61.2624



20.0597, 33.4965, 6.9739

Square

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



56.1738, 33.4965, 61.2624



39.6052, 33.4965, 4.0105



15.7947, 33.4965, 19.4750



25.1581, 33.4965, 128.3144

Rectangle

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



56.1738, 33.4965, 61.2624



53.8897, 33.4965, 13.7417



15.7947, 33.4965, 19.4750



16.8096, 33.4965, 76.0830

Sweetspot

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



56.1746, 33.4981, 61.2630



79.1789, 71.9619, 92.1905



33.0530, 20.7663, 96.8739



16.5079, 14.6374, 19.2349



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.



56.1746, 33.4981, 61.2630



52.7904, 28.5673, 54.4698



48.8829, 30.5813, 22.8650



18.5399, 18.1993, 21.4604



25.7287, 12.7808, 23.0196



2.5541, 1.2640, 2.4995

Inverse Universe

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



56.1746, 33.4981, 61.2630



52.7904, 28.5673, 54.4698



53.5407, 79.1539, 81.9872



18.5399, 18.1993, 21.4604



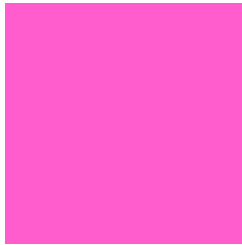
25.7287, 12.7808, 23.0196



2.5541, 1.2640, 2.4995

Previews

White Background



This preview shows how the XYZ color 56.1738, 33.4965, 61.2624 looks on a white background.

Color Contrast Check

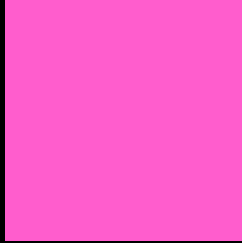
Large Text (above 18pt) WCAG AA × Fail

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 56.1738, 33.4965, 61.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

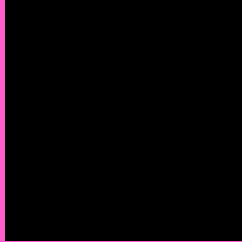
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1738, 33.4965, 61.2624

Background



This preview shows how black text looks on a background with the XYZ color 56.1738, 33.4965, 61.2624.



This preview shows how white text looks on a background with the XYZ color 56.1738, 33.4965,

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

56.1738, 33.4965, 61.2624

Protanopia

36.7340, 34.0614, 96.7339

Deuteranopia

34.4683, 33.7721, 56.9265



Tritanopia

47.8879, 33.2139, 22.2993

Trichromacy



Original Color

56.1738, 33.4965, 61.2624



Protanomaly

39.3951, 30.8255, 82.4708



Deuteranomaly

39.5463, 31.4449, 58.0180



Tritanomaly

50.2459, 32.8991, 33.4077

Monochromacy



Original Color

56.1738, 33.4965, 61.2624



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

37.2799, 30.5960, 43.4759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1738, 33.4965, 61.2624 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, 93, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 93, 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, 93, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 93, 205) }
```

Border

The CSS property to change the border of an element to XYZ 56.1738, 33.4965, 61.2624 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, 93, 205) }
```


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

```
.border{ border-color:rgb(255, 93, 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, 93, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 93, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 93, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 93,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1738, 33.4965, 61.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 93, 205) }
```

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

```
.background{ background-color: rgb(255, 93,  
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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