

Converting Colors

XYZ(65.1637, 56.0489, 72.2255)

Have a look what the booklet for
XYZ(65.1637, 56.0489, 72.2255)
contains.

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Color

**XYZ(65.1327, 56.0753,
72.3565)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B3D8
RGB	242, 179, 216
RGB Percent	95%, 70%, 85%
CMY	0.0510, 0.2980, 0.1529
CMYK	0.00, 0.26, 0.11, 0.05
HSL	325°, 71%, 83%
HSV	325°, 26%, 95%
XYZ	65.1327, 56.0753, 72.3565
YIQ	202.0550, 25.6710, 24.8630

Conversions

Conversions Part 2

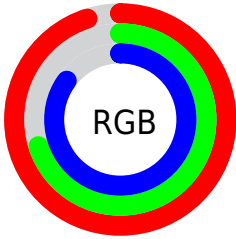
Format	Color
R_{YB}	242, 179, 216
Decimal	15905752
CIE _{Lab}	79.66, 28.50, -9.60
CIE _{LCh}	80, 30.077, 341.378
Yxy	56.0753, 0.3365, 0.2897
Android (android.graphics.Color)	4294095832 (0xFFFF2B3D8)
YUV	202.0550, 6.8749, 35.0318
Hunter-Lab	74.8834, 24.2111, -4.8708

Details

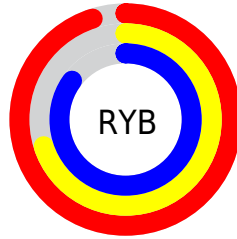
The XYZ color **65.1327, 56.0753, 72.3565** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.3643, 77.4973, 69.4853**, and the grayscale version is **56.1220, 59.0447, 64.2997**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **33.9015, 27.8092, 37.2991** is the 20% darker color. If you saturate the color by 10%, you get **59.4495, 46.7123, 64.2839**, and if you desaturate by 10%, it is **71.7488, 67.1769, 81.1286**.

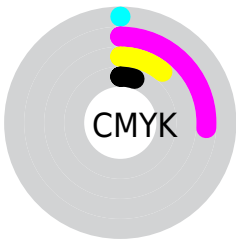
Distribution



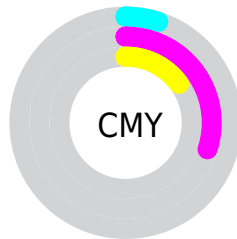
- Red (95%)
- Green (70%)
- Blue (85%)



- Red (95%)
- Yellow (70%)
- Blue (85%)



- Cyan (0%)
- Magenta (26%)
- Yellow (11%)
- Black (5%)





- Cyan (5%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1327, 56.0753, 72.3565 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 65.1327, 56.0753, 72.3565 by changing the saturation by 10% instead.


 65.1327, 56.0753,
72.3565

 65.1327, 56.0753,
72.3565


432.8064,
409.9752, 487.7924

 47.8338, 40.2633,
52.9613


 111.3053, 99.1147,
124.2757

 33.9060, 27.7439,
37.3844

140.9096,
127.1108, 157.6368

 22.9839, 18.1327,
25.2071


175.3465,
159.9371, 196.4902

 14.7023, 11.0453,
16.0110

214.9813,
197.9780, 241.2546

 8.6957, 6.0973,
9.3775

260.1793,
241.6179, 292.3485

 4.5987, 2.9043,
4.8881

311.3059,

 2.0461, 1.0820,

291.2411, 350.1904

2.1241

368.7265,
347.2321, 415.1988

■ 0.6597, 0.0000,
0.6301

■ 0.0000, 0.0000,
0.0000

■ 65.1327, 56.0753,
72.3565

■ 65.1327, 56.0753,
72.3565

■ 59.4495, 46.7123,
64.2839

■ 71.7488, 67.1769,
81.1286

■ 54.6484, 38.9909,
56.8852

■ 79.3355, 80.0927,
90.6175

■ 50.6811, 32.8160,
50.1380

■ 87.9343, 94.9027,
100.8442

■ 47.4924, 28.0795,
44.0165

■ 90.4283, 97.6174,
108.6837

■ 45.0201, 24.6595,
38.4927

■ 43.1917, 22.4131,
33.5346

■ 41.9175, 21.1639,
29.1045

■ 41.5098, 20.8340,
27.4723

Harmonies

Analogous

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



61.3857, 56.0753, 89.7083



65.1327, 56.0753, 72.3565



65.5697, 56.0753, 54.7008

Triad

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



65.1327, 56.0753, 72.3565



51.0298, 56.0753, 33.8146



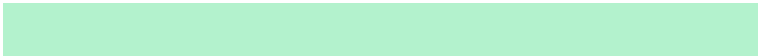
45.0161, 56.0753, 85.9062

Complementary

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



65.1327, 56.0753, 72.3565



61.3643, 77.4973, 69.4853

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.



42.6616, 56.0753, 67.8863



65.1327, 56.0753, 72.3565



45.9537, 56.0753, 39.2646

Square

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



65.1327, 56.0753, 72.3565



57.1099, 56.0753, 34.5567



42.9912, 56.0753, 50.9988



49.6594, 56.0753, 98.4976

Rectangle

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



65.1327, 56.0753, 72.3565



63.8889, 56.0753, 45.2628



42.9912, 56.0753, 50.9988



43.9472, 56.0753, 80.1532

Sweetspot

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



65.1343, 56.0778, 72.3577



87.5577, 87.1374, 99.8610



57.1061, 51.5195, 90.9396



18.4569, 18.1661, 21.0233



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.



65.1343, 56.0778, 72.3577



69.9905, 57.5851, 76.7964



61.5287, 54.6356, 53.3709



16.1622, 15.9146, 18.4105



22.3689, 11.2200, 15.1248



1.9102, 0.9531, 1.5182

Inverse Universe

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



65.1343, 56.0778, 72.3577



69.9905, 57.5851, 76.7964



65.4411, 79.1280, 90.9538



16.1622, 15.9146, 18.4105



22.3689, 11.2200, 15.1248



1.9102, 0.9531, 1.5182

Previews

White Background



This preview shows how the XYZ color 65.1327, 56.0753, 72.3565 looks on a white background.

Color Contrast Check

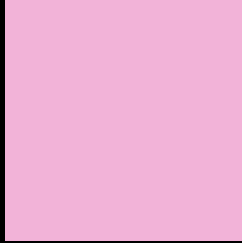
Large Text (above 18pt) WCAG AA × Fail

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 65.1327, 56.0753, 72.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

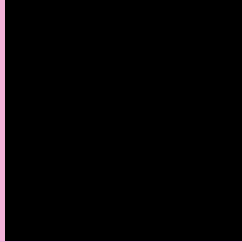
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1327, 56.0753, 72.3565

Background



This preview shows how black text looks on a background with the XYZ color 65.1327, 56.0753, 72.3565.



This preview shows how white text looks on a background with the XYZ color 65.1327, 56.0753,

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

65.1327, 56.0753, 72.3565

Protanopia

55.3433, 56.2324, 80.6101

Deuteranopia

57.5656, 56.2560, 71.4428



Tritanopia

62.6269, 55.9667, 59.7264

Trichromacy



Original Color

65.1327, 56.0753, 72.3565



Protanomaly

58.3111, 55.8563, 77.5200



Deuteranomaly

60.1603, 55.9765, 71.9237



Tritanomaly

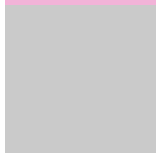
63.5790, 56.0603, 63.9697

Monochromacy



Original Color

65.1327, 56.0753, 72.3565



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.1695, 57.8403, 67.0772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1327, 56.0753, 72.3565 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(242, 179, 216)` looks like.

```
.text, #text, p{  
    color:rgb(242, 179, 216)  
}
```

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(242, 179, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 179, 216) }
```

Border

The CSS property to change the border of an element to XYZ 65.1327, 56.0753, 72.3565 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(242, 179, 216) }
```


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

```
.border{ border-color:rgb(242, 179, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 179, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 179, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 179, 216);  
box-shadow:4px 4px 4px 4px rgb(242, 179,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1327, 56.0753, 72.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 179, 216) }
```

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

```
.background{ background-color: rgb(242,  
179, 216) }
```

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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