

Converting Colors

XYZ(65.4291, 56.6813, 73.1129)

Have a look what the booklet for
XYZ(65.4291, 56.6813, 73.1129)
contains.

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Color

**XYZ(65.6662, 56.9347,
73.1742)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B5D9
RGB	242, 181, 217
RGB Percent	95%, 71%, 85%
CMY	0.0510, 0.2902, 0.1490
CMYK	0.00, 0.25, 0.10, 0.05
HSL	325°, 70%, 83%
HSV	325°, 25%, 95%
XYZ	65.6662, 56.9347, 73.1742
YIQ	203.3430, 24.8000, 24.1280

Conversions

Conversions Part 2

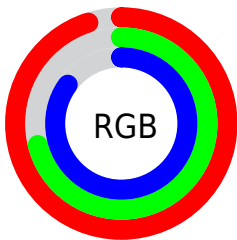
Format	Color
R _Y B	242, 181, 217
Decimal	15906265
CIE Lab	80.14, 27.61, -9.42
CIE LCh	80, 29.170, 341.157
Yxy	56.9347, 0.3354, 0.2908
Android (android.graphics.Color)	4294096345 (0xFFFF2B5D9)
YUV	203.3430, 6.7329, 33.9022
Hunter-Lab	75.4551, 23.2966, -4.6792

Details

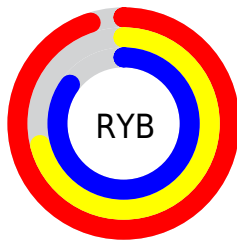
The XYZ color **65.6662, 56.9347, 73.1742** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.9510, 77.7858, 70.1450**, and the grayscale version is **56.9297, 59.8945, 65.2251**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **34.2483, 28.3613, 37.8516** is the 20% darker color. If you saturate the color by 10%, you get **59.9150, 47.4346, 65.0823**, and if you desaturate by 10%, it is **72.3530, 68.1802, 81.9618**.

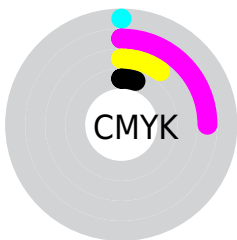
Distribution



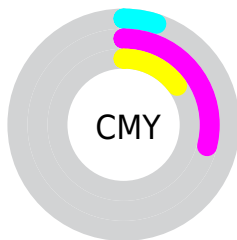
- Red (95%)
- Green (71%)
- Blue (85%)



- Red (95%)
- Yellow (71%)
- Blue (85%)



- Cyan (0%)
- Magenta (25%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6662, 56.9347, 73.1742 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 65.6662, 56.9347, 73.1742 by changing the saturation by 10% instead.

65.6662, 56.9347,
73.1742

65.6662, 56.9347,
73.1742

434.6896,
413.2046, 490.7053

48.2682, 40.9528,
53.6257

112.0675,
100.3699, 125.4477

34.2515, 28.2822,
37.9114

141.8015,
128.5920, 159.0098

23.2506, 18.5385,
25.6126

176.3782,
161.6630, 198.0802

14.9004, 11.3373,
16.3109

216.1629,
199.9672, 243.0774

8.8354, 6.2942,
9.5877

261.5211,
243.8891, 294.4200

4.6902, 3.0248,
5.0244


312.8180,

2.0995, 1.1447,


293.8130, 352.5264


2.2026

370.4191,
350.1234, 417.8154


 0.6890, 0.0158,
0.6759


 0.0000, 0.0000,
0.0000


 65.6662, 56.9347,
73.1742


 65.6662, 56.9347,
73.1742


 59.9150, 47.4346,
65.0823


 72.3530, 68.1802,
81.9618


 55.0487, 39.5834,
57.6607

 80.0125, 81.2459,
91.4622

 51.0196, 33.2866,
50.8873

 88.6863, 96.2116,
101.6960

 47.7730, 28.4373,
44.7367

 90.4283, 97.6174,
108.6837

■ 45.2472, 24.9148,
39.1813

■ 43.3709, 22.5785,
34.1897

■ 42.0564, 21.2554,
29.7249

■ 41.5621, 20.8550,
27.7475

Harmonies

Analogous

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



61.9892, 56.9347, 90.0415



65.6662, 56.9347, 73.1742



66.1182, 56.9347, 55.8725

Triad

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



65.6662, 56.9347, 73.1742



51.9334, 56.9347, 35.1080



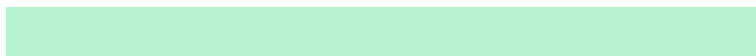
45.9589, 56.9347, 86.1218

Complementary

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



65.6662, 56.9347, 73.1742



61.9510, 77.7858, 70.1450

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.



43.6597, 56.9347, 68.5432



65.6662, 56.9347, 73.1742



46.9370, 56.9347, 40.4722

Square

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



65.6662, 56.9347, 73.1742



57.8900, 56.9347, 35.8909



44.0042, 56.9347, 52.0117



50.5073, 56.9347, 98.4104

Rectangle

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



65.6662, 56.9347, 73.1742



64.4946, 56.9347, 46.5543



44.0042, 56.9347, 52.0117



44.9130, 56.9347, 80.5135

Sweetspot

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



65.6679, 56.9373, 73.1754



87.5667, 87.1410, 99.9083



57.8405, 52.4975, 91.0898



18.4592, 18.1670, 21.0352



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.



65.6679, 56.9373, 73.1754



70.6666, 58.6627, 77.8676



62.1242, 55.5198, 54.5148



16.1642, 15.9154, 18.4209



22.3969, 11.2312, 15.2723



1.9125, 0.9540, 1.5300

Inverse Universe

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



65.6679, 56.9373, 73.1754



70.6666, 58.6627, 77.8676



65.9358, 79.3797, 91.1285



16.1642, 15.9154, 18.4209



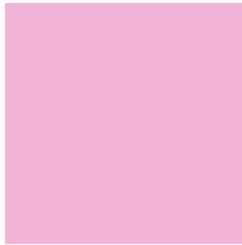
22.3969, 11.2312, 15.2723



1.9125, 0.9540, 1.5300

Previews

White Background



This preview shows how the XYZ color 65.6662, 56.9347, 73.1742 looks on a white background.

Color Contrast Check

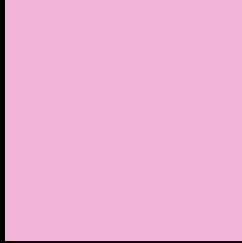
Large Text (above 18pt) WCAG AA × Fail

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 65.6662, 56.9347, 73.1742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

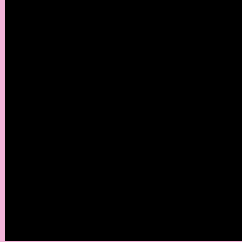
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6662, 56.9347, 73.1742

Background



This preview shows how black text looks on a background with the XYZ color 65.6662, 56.9347, 73.1742.



This preview shows how white text looks on a background with the XYZ color 65.6662, 56.9347,

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

65.6662, 56.9347, 73.1742

Protanopia

56.4458, 57.4589, 81.5145

Deuteranopia

58.1997, 56.8951, 72.2044



Tritanopia

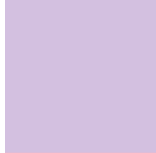
63.2687, 56.8835, 61.0711

Trichromacy



Original Color

65.6662, 56.9347, 73.1742



Protanomaly

59.1682, 56.9300, 78.3911



Deuteranomaly

60.7165, 56.8827, 72.7451



Tritanomaly

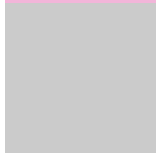
64.2286, 56.9755, 65.3698

Monochromacy



Original Color

65.6662, 56.9347, 73.1742



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

59.5155, 58.3360, 67.7977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6662, 56.9347, 73.1742 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, 181, 217)` looks like.

```
.text, #text, p{  
    color:rgb(242, 181, 217)  
}
```

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, 181, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 181, 217) }
```

Border

The CSS property to change the border of an element to XYZ 65.6662, 56.9347, 73.1742 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, 181, 217) }
```


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

```
.border{ border-color:rgb(242, 181, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 181, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 181, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 181, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 181,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6662, 56.9347, 73.1742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 181, 217) }
```

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

```
.background{ background-color: rgb(242,  
181, 217) }
```

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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