

Converting Colors

XYZ(66.2441, 62.1397, 83.3656)

Have a look what the booklet for XYZ(66.2441, 62.1397, 83.3656) contains.

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Color

**XYZ(66.2441, 62.1397,
83.3656)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C5E6
RGB	228, 197, 230
RGB Percent	89%, 77%, 90%
CMY	0.1059, 0.2274, 0.0980
CMYK	0.01, 0.14, 0.00, 0.10
HSL	296°, 40%, 84%
HSV	296°, 14%, 90%
XYZ	66.2441, 62.1397, 83.3656
YIQ	210.0310, 7.8830, 16.8350

Conversions

Conversions Part 2

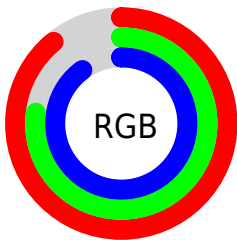
Format	Color
R_{YB}	228, 197, 230
Decimal	14992870
CIE _{Lab}	82.99, 16.64, -12.30
CIE _{LCh}	83, 20.690, 323.529
Yxy	62.1397, 0.3128, 0.2935
Android (android.graphics.Color)	4293182950 (0xFFE4C5E6)
YUV	210.0310, 9.8447, 15.7588
Hunter-Lab	78.8287, 12.0530, -7.5222

Details

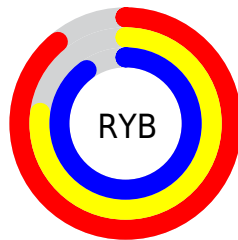
The XYZ color **66.2441, 62.1397, 83.3656** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.9303, 72.7686, 63.6082**, and the grayscale version is **61.2143, 64.4022, 70.1340**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **34.4757, 31.4716, 44.3020** is the 20% darker color. If you saturate the color by 10%, you get **60.9751, 52.2545, 81.7362**, and if you desaturate by 10%, it is **72.3172, 73.6256, 85.2634**.

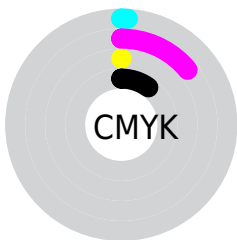
Distribution



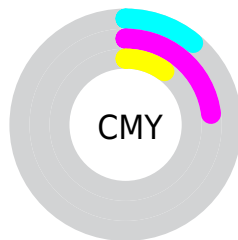
- Red (89%)
- Green (77%)
- Blue (90%)



- Red (89%)
- Yellow (77%)
- Blue (90%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (11%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2441, 62.1397, 83.3656 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 66.2441, 62.1397, 83.3656 by changing the saturation by 10% instead.

66.2441, 62.1397,
83.3656

66.2441, 62.1397,
83.3656

436.7242,
432.4405, 526.2070

48.7390, 45.1456,
61.9494

112.8924,
107.9274, 139.9412

34.6262, 31.5721,
44.5563

142.7663,
137.4898, 175.9377

23.5402, 21.0349,
30.7677

177.4939,
172.0104, 217.6315

15.1158, 13.1495,
20.1650

217.4405,
211.8736, 265.4409

8.9875, 7.5316,
12.3298

262.9715,
257.4638, 319.7847

4.7901, 3.7967,
6.8434

314.4522,

2.1581, 1.5605,

309.1655, 381.0813

3.2874

372.2480,
367.3629, 449.7492

■ 0.7205, 0.3308,
1.2432

■ 0.0000, 0.0000,
0.0146

■ 66.2441, 62.1397,
83.3656

■ 66.2441, 62.1397,
83.3656

■ 60.9751, 52.2545,
81.7362

■ 72.3172, 73.6256,
85.2634

■ 56.4685, 43.8900,
80.3592

■ 79.2224, 86.7716,
87.4369

■ 52.6876, 36.9714,
79.2231

■ 83.3813, 94.4197,
88.6940

■ 49.5900, 31.4143,
78.3137

■ 83.8361, 94.6542,
88.7153

47.1293, 27.1257,
77.6156

84.2945, 94.8905,
88.7367

45.2531, 24.0009,
77.1113

84.7565, 95.1286,
88.7583

43.9006, 21.9184,
76.7806

85.2221, 95.3687,
88.7801

42.9979, 20.7300,
76.5988

85.6913, 95.6106,
88.8021

42.6204, 20.3216,
76.5399

86.1641, 95.8543,
88.8242

Harmonies

Analogous

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



62.5587, 62.1397, 92.8210



66.2441, 62.1397, 83.3656



68.0171, 62.1397, 70.4709

Triad

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



66.2441, 62.1397, 83.3656



60.0356, 62.1397, 46.0365



51.5294, 62.1397, 77.9658

Complementary

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



66.2441, 62.1397, 83.3656



61.9303, 72.7686, 63.6082

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.



50.9295, 62.1397, 64.9240



66.2441, 62.1397, 83.3656



55.6979, 62.1397, 47.5134

Square

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



66.2441, 62.1397, 83.3656



64.3178, 62.1397, 49.7383



52.4186, 62.1397, 54.0615



54.1005, 62.1397, 89.4389

Rectangle

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



66.2441, 62.1397, 83.3656



67.8155, 62.1397, 62.0650



52.4186, 62.1397, 54.0615



51.0960, 62.1397, 73.5807

Sweetspot

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



66.2459, 62.1424, 83.3669



91.6549, 93.5468, 107.8334



57.7811, 58.5255, 83.1150



19.4854, 19.7713, 23.0392



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.



66.2459, 62.1424, 83.3669



81.7861, 74.8973, 104.7538



64.9573, 61.7006, 73.2504



14.9043, 14.5684, 18.1708



24.1671, 11.5245, 43.3339



1.8122, 0.8652, 3.2035

Inverse Universe

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



62.9104, 60.8819, 62.4715



76.8691, 73.0414, 73.8510



63.1205, 73.1837, 72.6268



14.4122, 14.3821, 15.1052



18.5344, 9.5480, 1.1772



1.3822, 0.7106, 0.1531

Previews

White Background



This preview shows how the XYZ color 66.2441, 62.1397, 83.3656 looks on a white background.

Color Contrast Check

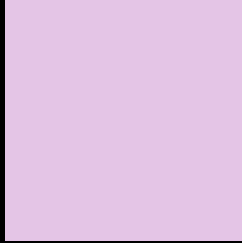
Large Text (above 18pt) WCAG AA × Fail

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 66.2441, 62.1397, 83.3656 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 66.2441, 62.1397, 83.3656

Background



This preview shows how black text looks on a background with the XYZ color 66.2441, 62.1397, 83.3656.



This preview shows how white text looks on a background with the XYZ color 66.2441, 62.1397,

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

66.2441, 62.1397, 83.3656

Protanopia

61.1838, 62.2174, 87.3817

Deuteranopia

63.6448, 62.1821, 82.7767



Tritanopia

64.2840, 62.3836, 72.9431

Trichromacy



Original Color

66.2441, 62.1397, 83.3656

Protanomaly

62.6925, 61.9731, 85.7486

Deuteranomaly

64.6159, 62.3378, 82.7555

Tritanomaly

65.0202, 62.3450, 76.3170

Monochromacy



Original Color

66.2441, 62.1397, 83.3656

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.9710, 63.4241, 74.5688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2441, 62.1397, 83.3656 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(228, 197, 230)` looks like.

```
.text, #text, p{  
    color:rgb(228, 197, 230)  
}
```

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(228, 197, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 197, 230) }
```

Border

The CSS property to change the border of an element to XYZ 66.2441, 62.1397, 83.3656 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(228, 197, 230) }
```


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

```
.border{ border-color:rgb(228, 197, 230) }
```

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

Here you see how a box with a 4 pixel rgb(228, 197, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 197, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 197, 230);  
box-shadow:4px 4px 4px 4px rgb(228, 197,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2441, 62.1397, 83.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 197, 230) }
```

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

```
.background{ background-color: rgb(228,  
197, 230) }
```

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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