

Converting Colors

XYZ(62.4566, 62.5361, 86.6208)

Have a look what the booklet for
XYZ(62.4566, 62.5361, 86.6208)
contains.

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Color

**XYZ(62.4566, 62.5361,
86.6208)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CCEA
RGB	208, 204, 234
RGB Percent	82%, 80%, 92%
CMY	0.1843, 0.2000, 0.0823
CMYK	0.11, 0.13, 0.00, 0.08
HSL	248°, 42%, 86%
HSV	248°, 13%, 92%
XYZ	62.4566, 62.5361, 86.6208
YIQ	208.6160, -7.2460, 10.1780

Conversions

Conversions Part 2

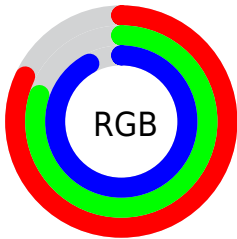
Format	Color
R _Y B	208, 204, 234
Decimal	13683946
CIE Lab	83.20, 7.12, -14.29
CIE LCh	83, 15.962, 296.481
Yxy	62.5361, 0.2951, 0.2955
Android (android.graphics.Color)	4291874026 (0xFFD0CCEA)
YUV	208.6160, 12.5143, -0.5402
Hunter-Lab	79.0798, 2.5883, -9.5880

Details

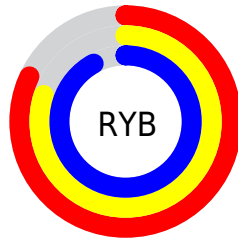
The XYZ color **62.4566, 62.5361, 86.6208** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.9572, 80.0299, 68.7317**, and the grayscale version is **60.2803, 63.4196, 69.0639**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0791, 31.7993, 46.5666** is the 20% darker color. If you saturate the color by 10%, you get **51.9653, 49.4836, 84.6553**, and if you desaturate by 10%, it is **74.5164, 77.6409, 88.9017**.

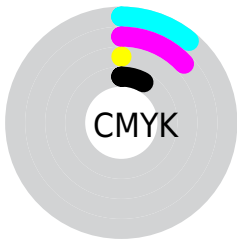
Distribution



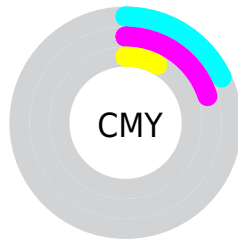
- Red (82%)
- Green (80%)
- Blue (92%)



- Red (82%)
- Yellow (80%)
- Blue (92%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4566, 62.5361, 86.6208 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 62.4566, 62.5361, 86.6208 by changing the saturation by 10% instead.

■ 62.4566, 62.5361,
86.6208

■ 62.4566, 62.5361,
86.6208

423.2857,
433.8839, 537.2598

■ 45.6587, 45.4660,
64.6236

107.4714,
108.5000, 144.5297

■ 32.1801, 31.8247,
46.7065

136.4190,
138.1626, 181.2785

■ 21.6553, 21.2276,
32.4510

170.1473,
172.7914, 223.7815

■ 13.7190, 13.2905,
21.4386

209.0216,
212.7710, 272.4574

■ 8.0059, 7.6289,
13.2506

253.4072,
258.4856, 327.7246

■ 4.1506, 3.8584,
7.4686

303.6695,

■ 1.7877, 1.5947,

310.3197, 390.0017

3.6740

360.1739,
368.6577, 459.7073

■ 0.5102, 0.3540,
1.4483

■ 0.0000, 0.0000,
0.1789

■ 62.4566, 62.5361,
86.6208

■ 62.4566, 62.5361,
86.6208

■ 51.9653, 49.4836,
84.6553

■ 74.5164, 77.6409,
88.9017

■ 42.9723, 38.3871,
82.9875

■ 88.1999, 94.8731,
91.5066

■ 35.4104, 29.1543,
81.6039

■ 91.8515, 98.7206,
92.0568

■ 29.2050, 21.6823,
80.4888

■ 24.2747, 15.8583,
79.6245

■ 20.5292, 11.5562,
78.9915

■ 17.8660, 8.6313,
78.5673

■ 16.1643, 6.9105,
78.3248

■ 15.4221, 6.2348,
78.2335

Harmonies

Analogous

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



59.0310, 62.5361, 88.9474



62.4566, 62.5361, 86.6208



65.1630, 62.5361, 79.1709

Triad

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



62.4566, 62.5361, 86.6208



63.1910, 62.5361, 53.4017



53.0389, 62.5361, 66.9276

Complementary

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



62.4566, 62.5361, 86.6208



72.9572, 80.0299, 68.7317

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.



54.0599, 62.5361, 58.0966



62.4566, 62.5361, 86.6208



59.8483, 62.5361, 50.7801

Square

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



62.4566, 62.5361, 86.6208



65.5984, 62.5361, 59.9392



56.5196, 62.5361, 52.4126



53.6772, 62.5361, 76.9506

Rectangle

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



62.4566, 62.5361, 86.6208



66.1488, 62.5361, 72.6459



56.5196, 62.5361, 52.4126



53.1984, 62.5361, 63.7309

Sweetspot

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



62.4585, 62.5387, 86.6222



88.7039, 92.0255, 107.6952



68.1912, 75.6519, 88.8511



18.7385, 19.3862, 23.0042



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.



62.4585, 62.5387, 86.6222



72.8760, 72.2225, 104.7071



66.7238, 64.7376, 86.8218



14.4178, 14.6451, 18.9891



8.7254, 3.5340, 43.9652



0.7447, 0.3082, 3.4551

Inverse Universe

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



69.8095, 66.3939, 84.0016



83.2285, 77.6529, 100.9642



68.4952, 77.7297, 68.5229



15.6234, 15.2772, 18.5682



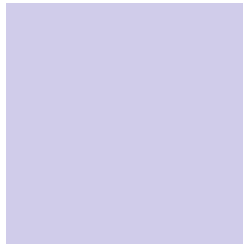
25.1469, 12.2614, 32.9045



1.9986, 0.9724, 2.7101

Previews

White Background



This preview shows how the XYZ color 62.4566, 62.5361, 86.6208 looks on a white background.

Color Contrast Check

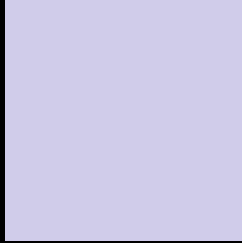
Large Text (above 18pt) WCAG AA × Fail

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 62.4566, 62.5361, 86.6208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

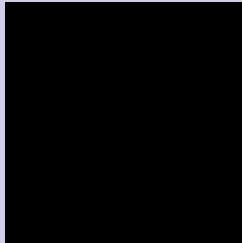
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4566, 62.5361, 86.6208

Background



This preview shows how black text looks on a background with the XYZ color 62.4566, 62.5361, 86.6208.



This preview shows how white text looks on a background with the XYZ color 62.4566, 62.5361,

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

62.4566, 62.5361, 86.6208

Protanopia

61.6953, 62.8373, 87.4744

Deuteranopia

63.7034, 62.4777, 86.5438



Tritanopia

60.7097, 62.5384, 77.9786

Trichromacy



Original Color

62.4566, 62.5361, 86.6208

Protanomaly

62.0036, 62.6399, 87.4200

Deuteranomaly

63.3586, 62.6494, 86.5951

Tritanomaly

61.2909, 62.4190, 80.7692

Monochromacy



Original Color

62.4566, 62.5361, 86.6208

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.2622, 63.2429, 75.3079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4566, 62.5361, 86.6208 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(208, 204, 234)` looks like.

```
.text, #text, p{  
    color:rgb(208, 204, 234)  
}
```

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(208, 204, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 204, 234) }
```

Border

The CSS property to change the border of an element to XYZ 62.4566, 62.5361, 86.6208 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(208, 204, 234) }
```


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

```
.border{ border-color:rgb(208, 204, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 204, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 204, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 204, 234);  
box-shadow:4px 4px 4px 4px rgb(208, 204,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4566, 62.5361, 86.6208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 204, 234) }
```

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

```
.background{ background-color: rgb(208,  
204, 234) }
```

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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