

Converting Colors

XYZ(69.2831, 68.9523,
104.2652)

Have a look what the booklet for
XYZ(69.2831, 68.9523, 104.2652)
contains.

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Color

**XYZ(69.2848, 68.9546,
104.2656)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D5FF
RGB	213, 213, 255
RGB Percent	84%, 84%, 100%
CMY	0.1647, 0.1647, 0.0000
CMYK	0.16, 0.16, 0.00, 0.00
HSL	240°, 100%, 92%
HSV	240°, 16%, 100%
XYZ	69.2848, 68.9546, 104.2656
YIQ	217.7880, -13.4820, 13.0620

Conversions

Conversions Part 2

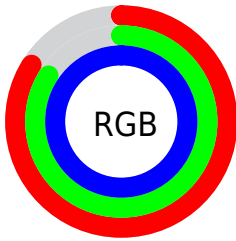
Format	Color
R _Y B	213, 213, 255
Decimal	14013951
CIE Lab	86.48, 8.26, -20.44
CIE LCh	86, 22.045, 292.003
Yxy	68.9546, 0.2857, 0.2843
Android (android.graphics.Color)	4292204031 (0xFFD5D5FF)
YUV	217.7880, 18.3455, -4.1991
Hunter-Lab	83.0389, 3.6162, -16.3187

Details

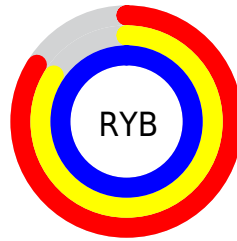
The XYZ color **69.2848, 68.9546, 104.2656** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.0099, 97.5828, 77.0965**, and the grayscale version is **66.3805, 69.8375, 76.0530**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5205, 35.8000, 58.4113** is the 20% darker color. If you saturate the color by 10%, you get **56.5445, 53.6040, 101.9741**, and if you desaturate by 10%, it is **84.2002, 86.9268, 106.9485**.

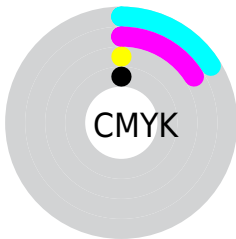
Distribution



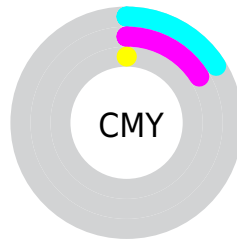
- Red (84%)
- Green (84%)
- Blue (100%)



- Red (84%)
- Yellow (84%)
- Blue (100%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2848, 68.9546, 104.2656 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 69.2848, 68.9546, 104.2656 by changing the saturation by 10% instead.

■ 69.2848, 68.9546,
104.2656

■ 69.2848, 68.9546,
104.2656

447.3405,
456.8708, 595.1468

■ 51.2212, 50.6747,
79.2310

117.2201,
117.7167, 169.1097

■ 36.6064, 35.9498,
58.5633

147.8225,
148.9678, 209.7562

■ 25.0752, 24.3954,
41.8440

183.3352,
185.3114, 256.4438

■ 16.2621, 15.6272,
28.6545

224.1235,
227.1318, 309.5910

■ 9.8018, 9.2608,
18.5763

270.5529,
274.8136, 369.6164

■ 5.3290, 4.9117,
11.1908

322.9886,

■ 2.4783, 2.1955,

328.7411, 436.9385

6.0795

381.7960,
389.2987, 511.9758

■ 0.8843, 0.7175,
2.8239

■ 0.0000, 0.0000,
1.0055

■ 69.2848, 68.9546,
104.2656

■ 69.2848, 68.9546,
104.2656

■ 56.5445, 53.6040,
101.9741

■ 84.2002, 86.9268,
106.9485

■ 45.8724, 40.7449,
100.0546

95.0500, 100.0000,
108.9000

■ 37.1611, 30.2484,
98.4877

■ 30.2914, 21.9707,
97.2520

■ 25.1310, 15.7527,
96.3238

■ 21.5301, 11.4138,
95.6761

■ 19.3132, 8.7423,
95.2773

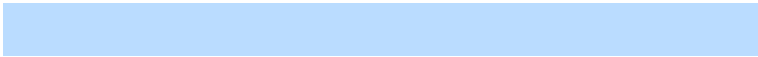
■ 18.2605, 7.4738,
95.0879

■ 18.0501, 7.2203,
95.0500

Harmonies

Analogous

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



64.1836, 68.9546, 106.4889



69.2848, 68.9546, 104.2656



73.5801, 68.9546, 93.7430

Triad

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



69.2848, 68.9546, 104.2656



71.7675, 68.9546, 55.0400



56.2945, 68.9546, 71.2378

Complementary

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



69.2848, 68.9546, 104.2656



89.0099, 97.5828, 77.0965

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.



58.1067, 68.9546, 59.0743



69.2848, 68.9546, 104.2656



66.9139, 68.9546, 50.5475

Square

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



69.2848, 68.9546, 104.2656



75.0646, 68.9546, 65.0355



61.9312, 68.9546, 51.9222



56.8559, 68.9546, 86.1085

Rectangle

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



69.2848, 68.9546, 104.2656



75.3217, 68.9546, 84.1014



61.9312, 68.9546, 51.9222



56.6428, 68.9546, 66.7276

Sweetspot

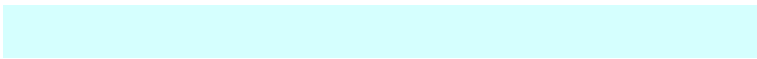
The Sweet Spot groups the original color and five complimentary colors.



69.2867, 68.9574, 104.2660



86.5806, 89.7951, 107.3766



81.1388, 92.8415, 107.6618



18.2869, 18.9247, 22.9390



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.



69.2867, 68.9574, 104.2660



64.5453, 63.2444, 103.4132



75.5476, 72.1841, 104.5589



17.0032, 17.3780, 22.7081



9.4316, 3.7728, 49.6657



0.9183, 0.3674, 4.8358

Inverse Universe

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



77.0457, 73.6541, 73.1098



73.7323, 68.8055, 66.5231



81.9329, 93.9356, 76.7655



18.0095, 17.9871, 18.6672



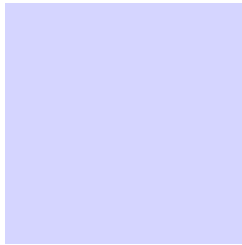
21.5488, 11.1088, 1.0088



2.0981, 1.0816, 0.0983

Previews

White Background



This preview shows how the XYZ color 69.2848, 68.9546, 104.2656 looks on a white background.

Color Contrast Check

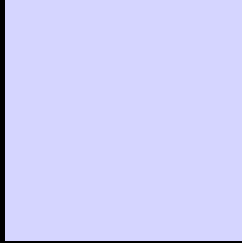
Large Text (above 18pt) WCAG AA × Fail

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 69.2848, 68.9546, 104.2656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

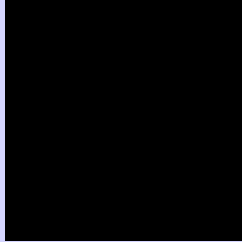
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2848, 68.9546, 104.2656

Background



This preview shows how black text looks on a background with the XYZ color 69.2848, 68.9546, 104.2656.



This preview shows how white text looks on a background with the XYZ color 69.2848, 68.9546,

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

69.2848, 68.9546, 104.2656

Protanopia

68.1090, 68.7230, 104.2829

Deuteranopia

70.2577, 68.7140, 104.1679



Tritanopia

65.9586, 69.1215, 87.7073

Trichromacy



Original Color

69.2848, 68.9546, 104.2656

Protanomaly

68.6749, 69.0148, 104.3094

Deuteranomaly

69.9124, 68.9059, 104.2231

Tritanomaly

67.1612, 69.2242, 93.8262

Monochromacy



Original Color

69.2848, 68.9546, 104.2656

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.2986, 69.4802, 85.4653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2848, 68.9546, 104.2656 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(213, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 213, 255)  
}
```

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(213, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.2848, 68.9546, 104.2656 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(213, 213, 255) }
```


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

```
.border{ border-color:rgb(213, 213, 255) }
```

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

Here you see how a box with a 4 pixel rgb(213, 213, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2848, 68.9546, 104.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 213, 255) }
```

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

```
.background{ background-color: rgb(213,  
213, 255) }
```

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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