

Converting Colors

XYZ(65.2353, 65.5111, 89.5416)

Have a look what the booklet for
XYZ(65.2353, 65.5111, 89.5416)
contains.

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Color

**XYZ(64.9933, 65.2232,
89.2846)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D0ED
RGB	212, 208, 237
RGB Percent	83%, 82%, 93%
CMY	0.1686, 0.1843, 0.0706
CMYK	0.11, 0.12, 0.00, 0.07
HSL	248°, 45%, 87%
HSV	248°, 12%, 93%
XYZ	64.9933, 65.2232, 89.2846
YIQ	212.5020, -6.9250, 9.8670

Conversions

Conversions Part 2

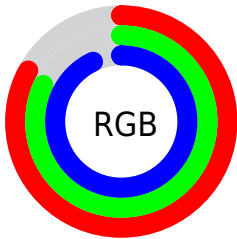
Format	Color
R _Y B	212, 208, 237
Decimal	13947117
CIE Lab	84.60, 6.89, -13.75
CIE LCh	85, 15.380, 296.598
Yxy	65.2232, 0.2961, 0.2971
Android (android.graphics.Color)	4292137197 (0xFFD4D0ED)
YUV	212.5020, 12.0775, -0.4403
Hunter-Lab	80.7609, 2.3185, -9.0150

Details

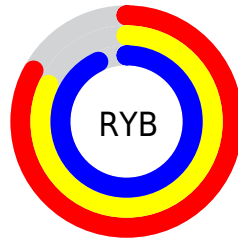
The XYZ color **64.9933, 65.2232, 89.2846** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.2760, 82.4478, 71.6241**, and the grayscale version is **62.8404, 66.1130, 71.9970**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8007, 33.6155, 48.4230** is the 20% darker color. If you saturate the color by 10%, you get **54.1193, 51.6725, 87.2432**, and if you desaturate by 10%, it is **77.4800, 80.8904, 91.6516**.

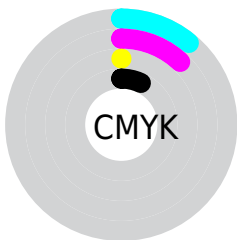
Distribution



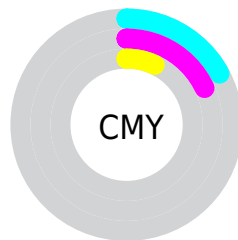
- Red (83%)
- Green (82%)
- Blue (93%)



- Red (83%)
- Yellow (82%)
- Blue (93%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9933, 65.2232, 89.2846 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 64.9933, 65.2232, 89.2846 by changing the saturation by 10% instead.

■ 64.9933, 65.2232,
89.2846

■ 64.9933, 65.2232,
89.2846

432.3135,
443.5936, 546.2109

■ 47.7203, 47.6421,
66.8171

111.1060,
112.3707, 148.2711

■ 33.8158, 33.5435,
48.4753

140.6764,
142.7059, 185.6272

■ 22.9143, 22.5432,
33.8408

175.0767,
178.0612, 228.7831

■ 14.6506, 14.2565,
22.4950

214.6722,
218.8210, 278.1576

■ 8.6593, 8.2993,
14.0192

259.8283,
265.3698, 334.1690

■ 4.5749, 4.2871,
7.9952

310.9103,

■ 2.0323, 1.8354,

318.0919, 397.2360

4.0041

368.2836,
377.3717, 467.7771

■ 0.6520, 0.5091,
1.6276

■ 0.0000, 0.0000,
0.3104

■ 64.9933, 65.2232,
89.2846

■ 64.9933, 65.2232,
89.2846

■ 54.1193, 51.6725,
87.2432

■ 77.4800, 80.8904,
91.6516

■ 44.7863, 40.1394,
85.5090

■ 91.5063, 98.4924,
94.3098

■ 36.9258, 30.5296,
84.0684

■ 92.2863, 98.8945,
94.3463

■ 30.4616, 22.7376,
82.9051

■ 25.3109, 16.6480,
82.0012

■ 21.3817, 12.1319,
81.3366

■ 18.5701, 9.0419,
80.8883

■ 16.7536, 7.2019,
80.6289

■ 15.9030, 6.4324,
80.5252

Harmonies

Analogous

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



61.6020, 65.2232, 91.5944



64.9933, 65.2232, 89.2846



67.6644, 65.2232, 81.9333

Triad

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



64.9933, 65.2232, 89.2846



65.6956, 65.2232, 56.3841



55.6381, 65.2232, 69.9017

Complementary

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



64.9933, 65.2232, 89.2846



75.2760, 82.4478, 71.6241

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.



56.6471, 65.2232, 61.1161



64.9933, 65.2232, 89.2846



62.3850, 65.2232, 53.7782

Square

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



64.9933, 65.2232, 89.2846



68.0802, 65.2232, 62.8899



59.0859, 65.2232, 55.4282



56.2793, 65.2232, 79.8157

Rectangle

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



64.9933, 65.2232, 89.2846



68.6336, 65.2232, 75.4865



59.0859, 65.2232, 55.4282



55.7946, 65.2232, 66.7274

Sweetspot

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



64.9953, 65.2259, 89.2860



88.7203, 92.0340, 107.6960



70.4772, 77.8795, 91.4395



18.7426, 19.3884, 23.0044



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.



64.9953, 65.2259, 89.2860



72.9296, 72.2501, 104.7096



69.3233, 67.4571, 89.4886



14.4243, 14.6485, 18.9894



8.7455, 3.5444, 43.9662



0.7477, 0.3098, 3.4553

Inverse Universe

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



72.1911, 69.0023, 86.6078



83.2010, 77.6419, 100.8196



70.7746, 80.1273, 71.4135



15.6203, 15.2760, 18.5518



25.0763, 12.2332, 32.5329



1.9937, 0.9705, 2.6844

Previews

White Background



This preview shows how the XYZ color 64.9933, 65.2232, 89.2846 looks on a white background.

Color Contrast Check

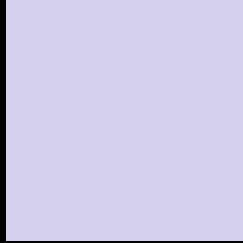
Large Text (above 18pt) WCAG AA × Fail

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 64.9933, 65.2232, 89.2846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

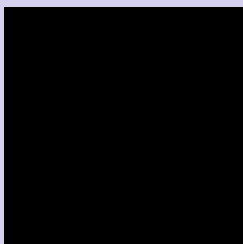
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9933, 65.2232, 89.2846

Background



This preview shows how black text looks on a background with the XYZ color 64.9933, 65.2232, 89.2846.



This preview shows how white text looks on a background with the XYZ color 64.9933, 65.2232,

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

64.9933, 65.2232, 89.2846

Protanopia

64.2113, 65.5316, 90.1535

Deuteranopia

66.5708, 65.3171, 89.2196



Tritanopia

63.3524, 65.2858, 81.2139

Trichromacy



Original Color

64.9933, 65.2232, 89.2846

Protanomaly

64.5276, 65.3293, 90.0978

Deuteranomaly

65.9178, 65.3390, 89.2582

Tritanomaly

63.9474, 65.1630, 84.0702

Monochromacy



Original Color

64.9933, 65.2232, 89.2846

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.9197, 66.0086, 78.4792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9933, 65.2232, 89.2846 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(212, 208, 237) looks like.

```
.text, #text, p{  
    color:rgb(212, 208, 237)  
}
```

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(212, 208, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 208, 237) }
```

Border

The CSS property to change the border of an element to XYZ 64.9933, 65.2232, 89.2846 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(212, 208, 237) }
```


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

```
.border{ border-color:rgb(212, 208, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 208, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 208, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 208, 237);  
box-shadow:4px 4px 4px 4px rgb(212, 208,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9933, 65.2232, 89.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 208, 237) }
```

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

```
.background{ background-color: rgb(212,  
208, 237) }
```

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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