

Converting Colors

XYZ(64.9288, 69.4745, 82.6608)

Have a look what the booklet for
XYZ(64.9288, 69.4745, 82.6608)
contains.

XYZ(64.9288, 69.4745, 82.6608)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.9288, 69.4745,
82.6608)**

Conversions

Conversions Part 1

Format	Color
Hex	CFDBE3
RGB	207, 219, 227
RGB Percent	81%, 86%, 89%
CMY	0.1882, 0.1412, 0.1098
CMYK	0.09, 0.04, 0.00, 0.11
HSL	204°, 26%, 85%
HSV	204°, 9%, 89%
XYZ	64.9288, 69.4745, 82.6608
YIQ	216.3240, -9.7200, -0.0560

Conversions

Conversions Part 2

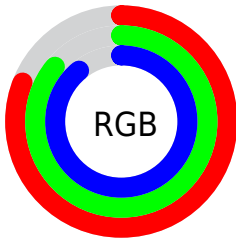
Format	Color
RYB	207, 215, 227
Decimal	13622243
CIELab	86.74, -2.48, -5.31
CIElCh	87, 5.866, 244.955
Yxy	69.4745, 0.2991, 0.3201
Android (android.graphics.Color)	4291812323 (0xFFCFDBE3)
YUV	216.3240, 5.2633, -8.1771
Hunter-Lab	83.3514, -6.8175, -0.4528

Details

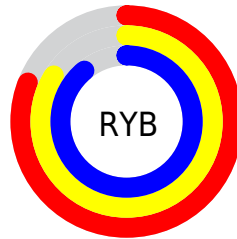
The XYZ color **64.9288, 69.4745, 82.6608** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2418, 69.4363, 68.8913**, and the grayscale version is **65.4628, 68.8719, 75.0015**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8587, 36.3018, 44.2521** is the 20% darker color. If you saturate the color by 10%, you get **56.7339, 61.8317, 81.6186**, and if you desaturate by 10%, it is **74.1687, 77.8514, 83.7918**.

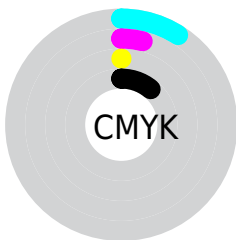
Distribution



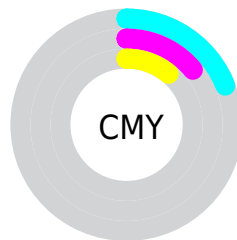
- Red (81%)
- Green (86%)
- Blue (89%)



- Red (81%)
- Yellow (84%)
- Blue (89%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9288, 69.4745, 82.6608 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 64.9288, 69.4745, 82.6608 by changing the saturation by 10% instead.

■ 64.9288, 69.4745,
82.6608

■ 64.9288, 69.4745,
82.6608

432.0853,
458.7027, 523.7967

■ 47.6678, 51.0982,
61.3714

111.0138,
118.4590, 138.9453

■ 33.7741, 36.2868,
44.0925

140.5685,
149.8361, 174.7774

■ 22.8822, 24.6558,
30.4055

174.9518,
186.3156, 216.2942

■ 14.6267, 15.8208,
19.8919

214.5291,
228.2819, 263.9141

■ 8.6424, 9.3974,
12.1332

259.6658,
276.1193, 318.0558

■ 4.5639, 5.0013,
6.7108

310.7271,

■ 2.0259, 2.2480,

330.2123, 379.1378

3.2062

368.0785,
390.9453, 447.5786

■ 0.6484, 0.7460,
1.2009

■ 0.0000, 0.0000,
0.0000

■ 64.9288, 69.4745,
82.6608

■ 64.9288, 69.4745,
82.6608

■ 56.7339, 61.8317,
81.6186

■ 74.1687, 77.8514,
83.7918

■ 49.5370, 54.8903,
80.6581

■ 84.4859, 86.9764,
85.0093

■ 43.2968, 48.6276,
79.7781

■ 88.1323, 92.8601,
85.9528

■ 37.9662, 43.0161,
78.9760

■ 90.8653, 98.3261,
86.8638

■ 33.4938, 38.0263,
78.2486

■ 29.8228, 33.6253,
77.5926

■ 26.8888, 29.7766,
77.0043

■ 24.6159, 26.4375,
76.4796

■ 22.8901, 23.5454,
76.0124

Harmonies

Analogous

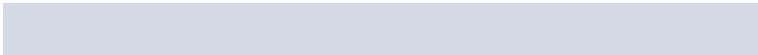
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.9060, 69.4745, 80.0338



64.9288, 69.4745, 82.6608



66.2603, 69.4745, 83.3827

Triad

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



64.9288, 69.4745, 82.6608



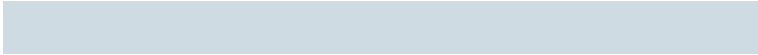
68.6824, 69.4745, 74.9986



64.5414, 69.4745, 69.6521

Complementary

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



64.9288, 69.4745, 82.6608



67.2418, 69.4363, 68.8913

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.



65.8070, 69.4745, 68.4031



64.9288, 69.4745, 82.6608



68.2076, 69.4745, 71.4214

Square

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



64.9288, 69.4745, 82.6608



68.4394, 69.4745, 78.8721



67.1505, 69.4745, 69.0396



63.6845, 69.4745, 72.5089

Rectangle

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



64.9288, 69.4745, 82.6608



67.1467, 69.4745, 82.6661



67.1505, 69.4745, 69.0396



64.9325, 69.4745, 69.0349

Sweetspot

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



64.9308, 69.4774, 82.6623



91.3233, 96.6418, 108.4482



65.4253, 73.0939, 74.7271



19.3383, 20.4964, 23.1869



0.0000, 0.0000, 0.0000



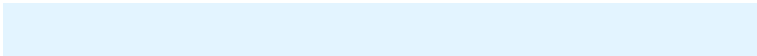
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.9308, 69.4774, 82.6623



81.9987, 88.1146, 107.2938



62.4808, 64.5774, 81.8457



14.2987, 15.3187, 18.3475



13.3574, 13.7768, 44.3384



1.0774, 1.1987, 3.3065

Inverse Universe

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



66.7791, 66.0725, 76.2549



84.9918, 82.6894, 96.8977



69.7773, 74.5074, 69.7365



14.7383, 14.5125, 16.8225



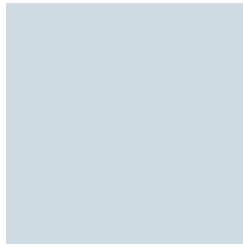
21.1357, 10.5885, 14.8754



1.6074, 0.8007, 1.3393

Previews

White Background



This preview shows how the XYZ color 64.9288, 69.4745, 82.6608 looks on a white background.

Color Contrast Check

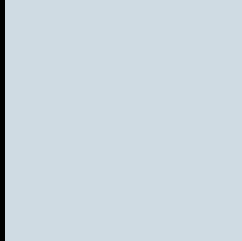
Large Text (above 18pt) WCAG AA × Fail

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 64.9288, 69.4745, 82.6608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

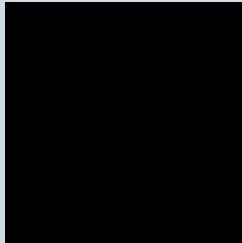
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

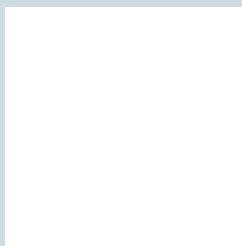
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.9288, 69.4745, 82.6608

Background



This preview shows how black text looks on a background with the XYZ color 64.9288, 69.4745, 82.6608.



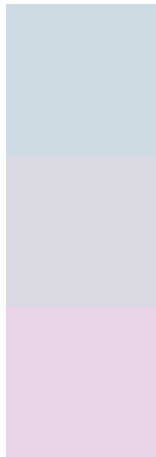
This preview shows how white text looks on a background with the XYZ color 64.9288, 69.4745,

82.6608.

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

64.9288, 69.4745, 82.6608

Protanopia

67.0599, 69.4534, 81.1056

Deuteranopia

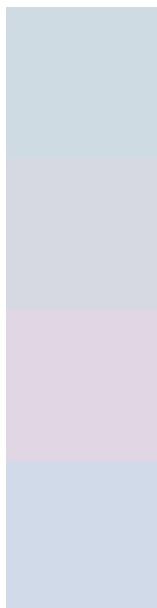
71.0414, 69.5693, 83.8127



Tritanopia

66.0792, 69.5509, 88.5392

Trichromacy



Original Color

64.9288, 69.4745, 82.6608

Protanomaly

66.2719, 69.4128, 81.8566

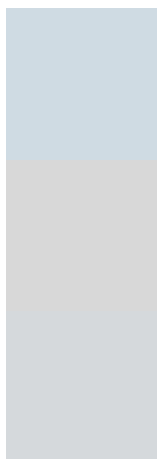
Deuteranomaly

68.7906, 69.5419, 83.1961

Tritanomaly

65.6493, 69.3789, 86.2753

Monochromacy



Original Color

64.9288, 69.4745, 82.6608

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.1717, 68.9391, 77.5818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9288, 69.4745, 82.6608 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(207, 219, 227)` looks like.

```
.text, #text, p{  
    color:rgb(207, 219, 227)  
}
```

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(207, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 219, 227) }
```

Border

The CSS property to change the border of an element to XYZ 64.9288, 69.4745, 82.6608 is called "border". The border property can be set on classes, ids or directly on the HTML element.

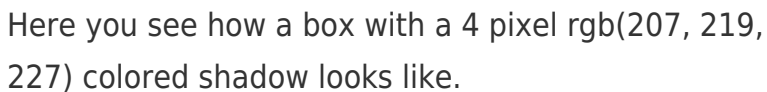
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 219, 227) }
```


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

```
.border{ border-color:rgb(207, 219, 227) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 219, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 219, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 219, 227); box-shadow:4px 4px 4px 4px rgb(207, 219, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9288, 69.4745, 82.6608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 219, 227) }
```

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

```
.background{ background-color: rgb(207,  
219, 227) }
```

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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