

Converting Colors

XYZ(62.6027, 65.9429, 86.0145)

Have a look what the booklet for
XYZ(62.6027, 65.9429, 86.0145)
contains.

XYZ(62.4471, 65.8322, 85.7595)	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(62.4471, 65.8322,
85.7595)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D5E8
RGB	201, 213, 232
RGB Percent	79%, 84%, 91%
CMY	0.2118, 0.1647, 0.0902
CMYK	0.13, 0.08, 0.00, 0.09
HSL	217°, 40%, 85%
HSV	217°, 13%, 91%
XYZ	62.4471, 65.8322, 85.7595
YIQ	211.5780, -13.2510, 3.3650

Conversions

Conversions Part 2

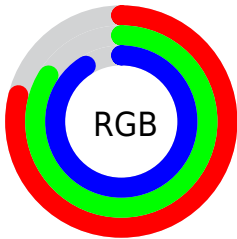
Format	Color
R _Y B	201, 210, 232
Decimal	13227496
CIE Lab	84.91, -0.29, -10.72
CIE LCh	85, 10.721, 268.458
Yxy	65.8322, 0.2918, 0.3076
Android (android.graphics.Color)	4291417576 (0xFFC9D5E8)
YUV	211.5780, 10.0680, -9.2769
Hunter-Lab	81.1370, -4.6074, -5.8719

Details

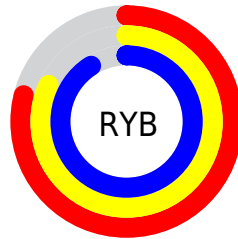
The XYZ color **62.4471, 65.8322, 85.7595** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4149, 72.5589, 65.6063**, and the grayscale version is **62.2425, 65.4840, 71.3121**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0960, 33.7914, 45.9050** is the 20% darker color. If you saturate the color by 10%, you get **53.2549, 56.0170, 84.3505**, and if you desaturate by 10%, it is **72.8987, 76.7655, 87.3200**.

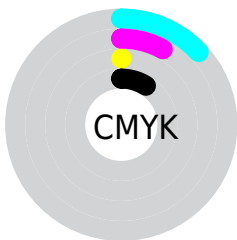
Distribution



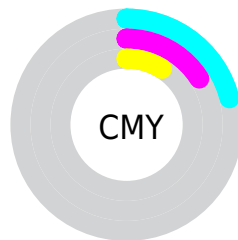
- Red (79%)
- Green (84%)
- Blue (91%)



- Red (79%)
- Yellow (82%)
- Blue (91%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (21%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4471, 65.8322, 85.7595 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 62.4471, 65.8322, 85.7595 by changing the saturation by 10% instead.

■ 62.4471, 65.8322,
85.7595

■ 62.4471, 65.8322,
85.7595

423.2517,
445.7765, 534.3479

■ 45.6510, 48.1362,
63.9154

107.4578,
113.2455, 143.3174

■ 32.1740, 33.9348,
46.1364

136.4030,
143.7315, 179.8682

■ 21.6506, 22.8435,
32.0040

170.1288,
179.2497, 222.1584

■ 13.7156, 14.4780,
21.0997

209.0003,
220.1844, 270.6064

■ 8.0035, 8.4539,
13.0050

253.3831,
266.9201, 325.6308

■ 4.1490, 4.3867,
7.3012

303.6423,

■ 1.7868, 1.8921,

319.8410, 387.6502

3.5699

360.1434,
379.3317, 457.0830

■ 0.5097, 0.5437,
1.3925

■ 0.0000, 0.0000,
0.1358

■ 62.4471, 65.8322,
85.7595

■ 62.4471, 65.8322,
85.7595

■ 53.2549, 56.0170,
84.3505

■ 72.8987, 76.7655,
87.3200

■ 45.2661, 47.2739,
83.0840

■ 84.6509, 88.8445,
89.0321

■ 38.4291, 39.5657,
81.9565

■ 91.5657, 98.6063,
90.5519

■ 32.6858, 32.8496,
80.9629

■ 27.9730, 27.0795,
80.0975

■ 24.2201, 22.2046,
79.3543

■ 21.3467, 18.1685,
78.7267

■ 19.2565, 14.9056,
78.2071

■ 18.2075, 13.1099,
77.9158

Harmonies

Analogous

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



60.1821, 65.8322, 83.5772



62.4471, 65.8322, 85.7595



64.8024, 65.8322, 83.9729

Triad

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



62.4471, 65.8322, 85.7595



66.7283, 65.8322, 65.5492



58.7104, 65.8322, 64.9690

Complementary

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



62.4471, 65.8322, 85.7595



69.4149, 72.5589, 65.6063

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.



60.3925, 65.8322, 60.6496



62.4471, 65.8322, 85.7595



65.0234, 65.8322, 60.9692

Square

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



62.4471, 65.8322, 85.7595



67.3118, 65.8322, 72.0373



62.6961, 65.8322, 59.2327



58.0592, 65.8322, 71.3241

Rectangle

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



62.4471, 65.8322, 85.7595



66.0990, 65.8322, 80.8321



62.6961, 65.8322, 59.2327



59.1718, 65.8322, 63.2464

Sweetspot

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



62.4491, 65.8349, 85.7610



89.4347, 94.1931, 108.0751



65.8105, 75.2780, 78.4954



18.9229, 19.9329, 23.1000



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.



62.4491, 65.8349, 85.7610



74.1361, 78.1385, 105.7826



60.3826, 60.4523, 84.8309



14.0381, 14.7977, 18.2607



10.2213, 7.5048, 43.2930



0.8433, 0.7304, 3.2285

Inverse Universe

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



66.1771, 63.7346, 71.7680



79.6198, 75.1675, 85.1734



71.6815, 78.5730, 66.6476



14.6068, 14.4599, 16.1300



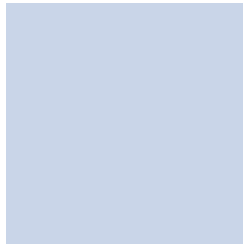
19.5528, 9.9553, 6.5398



1.4893, 0.7534, 0.7170

Previews

White Background



This preview shows how the XYZ color 62.4471, 65.8322, 85.7595 looks on a white background.

Color Contrast Check

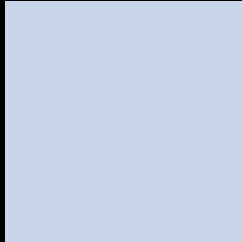
Large Text (above 18pt) WCAG AA × Fail

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 62.4471, 65.8322, 85.7595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

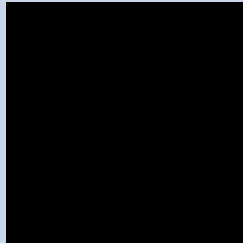
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4471, 65.8322, 85.7595

Background



This preview shows how black text looks on a background with the XYZ color 62.4471, 65.8322, 85.7595.



This preview shows how white text looks on a background with the XYZ color 62.4471, 65.8322,

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

62.4471, 65.8322, 85.7595

Protanopia

63.9079, 65.5080, 84.1389

Deuteranopia

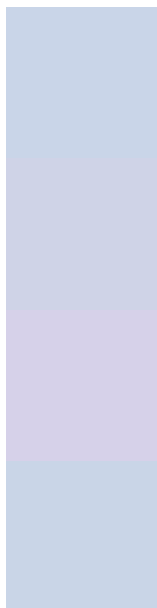
66.9035, 65.5554, 86.2181



Tritanopia

62.1646, 65.7192, 84.2716

Trichromacy



Original Color

62.4471, 65.8322, 85.7595

Protanomaly

63.4502, 65.6235, 84.9237

Deuteranomaly

65.2400, 65.7803, 86.3491

Tritanomaly

62.3054, 65.7755, 85.0134

Monochromacy



Original Color

62.4471, 65.8322, 85.7595

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.3421, 65.6113, 76.3963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4471, 65.8322, 85.7595 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(201, 213, 232)` looks like.

```
.text, #text, p{  
    color:rgb(201, 213, 232)  
}
```

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(201, 213, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 213, 232) }
```

Border

The CSS property to change the border of an element to XYZ 62.4471, 65.8322, 85.7595 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(201, 213, 232) }
```


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

```
.border{ border-color:rgb(201, 213, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 213, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 213, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 213, 232); box-shadow:4px 4px 4px 4px rgb(201, 213, 232) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4471, 65.8322, 85.7595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 213, 232) }
```

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

```
.background{ background-color: rgb(201,  
213, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor