

Converting Colors

XYZ(58.0943, 62.2124, 80.0455)

Have a look what the booklet for
XYZ(58.0943, 62.2124, 80.0455)
contains.

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Color

**XYZ(58.1293, 62.2436,
80.1846)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D1E1
RGB	192, 209, 225
RGB Percent	75%, 82%, 88%
CMY	0.2470, 0.1804, 0.1176
CMYK	0.15, 0.07, 0.00, 0.12
HSL	209°, 35%, 82%
HSV	209°, 15%, 88%
XYZ	58.1293, 62.2436, 80.1846
YIQ	205.7410, -15.2680, 1.3720

Conversions

Conversions Part 2

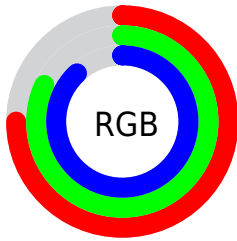
Format	Color
R _Y B	192, 203, 225
Decimal	12636641
CIE Lab	83.04, -2.50, -9.85
CIE LCh	83, 10.157, 255.778
Yxy	62.2436, 0.2898, 0.3104
Android (android.graphics.Color)	4290826721 (0xFFC0D1E1)
YUV	205.7410, 9.4947, -12.0509
Hunter-Lab	78.8946, -6.5473, -5.0332

Details

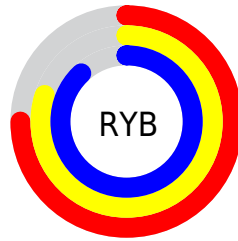
The XYZ color **58.1293, 62.2436, 80.1846** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1221, 64.9250, 59.0754**, and the grayscale version is **58.4503, 61.4943, 66.9673**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **29.4583, 31.7482, 42.6056** is the 20% darker color. If you saturate the color by 10%, you get **50.2772, 54.3595, 79.0777**, and if you desaturate by 10%, it is **67.0393, 70.9483, 81.3962**.

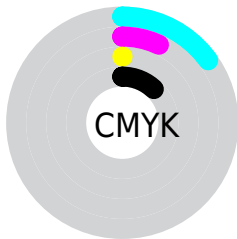
Distribution



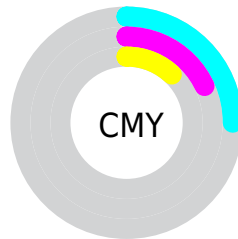
- Red (75%)
- Green (82%)
- Blue (88%)



- Red (75%)
- Yellow (80%)
- Blue (88%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (25%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1293, 62.2436, 80.1846 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 58.1293, 62.2436, 80.1846 by changing the saturation by 10% instead.

■ 58.1293, 62.2436,
80.1846

■ 58.1293, 62.2436,
80.1846

407.6137,
432.8191, 515.2779

■ 42.1563, 45.2296,
59.3432

■ 101.2330,
108.0775, 135.4390

■ 29.4153, 31.6383,
42.4676

129.0944,
137.6662, 170.6891

■ 19.5411, 21.0854,
29.1393

161.6493,
172.2152, 211.5791

■ 12.1682, 13.1864,
18.9398

199.2630,
212.1090, 258.5277

■ 6.9314, 7.5570,
11.4504

242.3010,
257.7318, 311.9533

■ 3.4652, 3.8128,
6.2527

291.1285,

■ 1.4043, 1.5694,

309.4682, 372.2745

2.9281

346.1109,
367.7025, 439.9099

■ 0.2593, 0.3369,
1.0580

■ 0.0000, 0.0000,
0.0000

■ 58.1293, 62.2436,
80.1846

■ 58.1293, 62.2436,
80.1846

■ 50.2772, 54.3595,
79.0777

■ 67.0393, 70.9483,
81.3962

■ 43.4344, 47.2607,
78.0681

■ 77.0420, 80.4919,
82.7111

■ 37.5565, 40.9204,
77.1541

■ 86.5016, 90.0379,
84.0550

■ 32.5934, 35.3070,
76.3322

■ 89.8406, 96.7159,
85.1680

■ 28.4901, 30.3861,
75.5986

■ 90.5908, 98.2163,
85.4181

■ 25.1850, 26.1198,
74.9493

■ 22.6072, 22.4652,
74.3798

■ 20.6708, 19.3712,
73.8847

■ 19.8279, 17.9105,
73.6471

Harmonies

Analogous

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



56.2642, 62.2436, 76.8142



58.1293, 62.2436, 80.1846



60.3163, 62.2436, 80.0895

Triad

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



58.1293, 62.2436, 80.1846



63.3181, 62.2436, 64.5372



56.1858, 62.2436, 59.6832

Complementary

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



58.1293, 62.2436, 80.1846



63.1221, 64.9250, 59.0754

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.



58.0199, 62.2436, 56.7882



58.1293, 62.2436, 80.1846



62.1549, 62.2436, 59.4700

Square

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



58.1293, 62.2436, 80.1846



63.3491, 62.2436, 70.7874



60.2042, 62.2436, 56.7127



55.1610, 62.2436, 64.8448

Rectangle

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



58.1293, 62.2436, 80.1846



61.6640, 62.2436, 78.0652



60.2042, 62.2436, 56.7127



56.7260, 62.2436, 58.4272

Sweetspot

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



58.1311, 62.2462, 80.1860



89.8393, 95.0022, 108.2100



60.0436, 69.6096, 69.9148



19.0252, 20.1375, 23.1341



0.0000, 0.0000, 0.0000



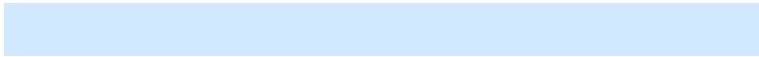
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1311, 62.2462, 80.1860



73.4407, 78.9258, 105.9712



54.3007, 54.5853, 78.9092



13.5332, 14.4055, 17.4549



11.5432, 10.5559, 42.4775



0.8897, 0.9108, 2.9742

Inverse Universe

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



61.4111, 58.3117, 68.3430



78.7372, 72.7789, 86.8009



67.3436, 73.3679, 60.4825



14.0006, 13.8179, 15.7733



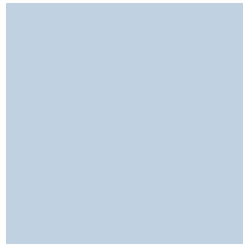
19.7667, 9.9737, 10.7030



1.4153, 0.7094, 0.9799

Previews

White Background



This preview shows how the XYZ color 58.1293, 62.2436, 80.1846 looks on a white background.

Color Contrast Check

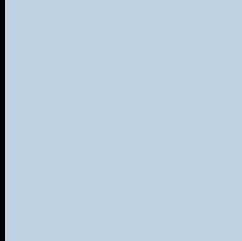
Large Text (above 18pt) WCAG AA × Fail

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 58.1293, 62.2436, 80.1846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

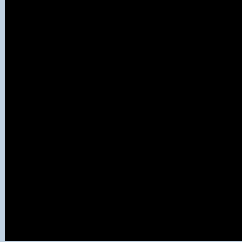
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

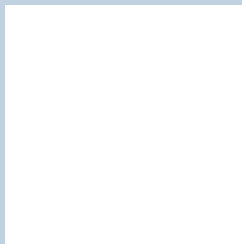
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1293, 62.2436, 80.1846

Background



This preview shows how black text looks on a background with the XYZ color 58.1293, 62.2436, 80.1846.



This preview shows how white text looks on a background with the XYZ color 58.1293, 62.2436,

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

58.1293, 62.2436, 80.1846

Protanopia

60.6042, 62.1122, 78.6067

Deuteranopia

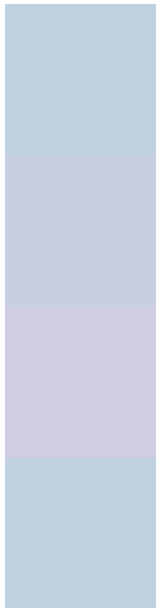
63.3670, 62.0711, 81.3142



Tritanopia

58.2662, 62.2984, 80.9053

Trichromacy



Original Color

58.1293, 62.2436, 80.1846

Protanomaly

59.6132, 61.9419, 79.3350

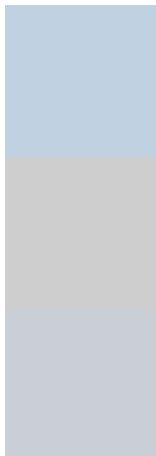
Deuteranomaly

61.3328, 62.0866, 80.7028

Tritanomaly

58.2662, 62.2984, 80.9053

Monochromacy



Original Color

58.1293, 62.2436, 80.1846

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.4105, 61.8473, 71.8099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1293, 62.2436, 80.1846 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(192, 209, 225)` looks like.

```
.text, #text, p{  
    color:rgb(192, 209, 225)  
}
```

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(192, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 209, 225) }
```

Border

The CSS property to change the border of an element to XYZ 58.1293, 62.2436, 80.1846 is called "border". The border property can be set on classes, ids or directly on the HTML element.

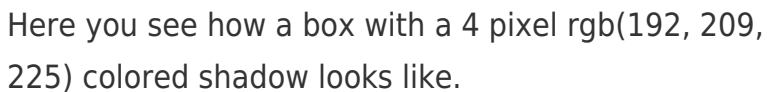
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 209, 225) }
```


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

```
.border{ border-color:rgb(192, 209, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 209, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 209, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 209, 225); box-shadow:4px 4px 4px 4px rgb(192, 209, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1293, 62.2436, 80.1846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 209, 225) }
```

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

```
.background{ background-color: rgb(192,  
209, 225) }
```

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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