Converting Colors

XYZ(59.9117, 62.2313, 85.2353)

Have a look what the booklet for XYZ(59.9117, 62.2313, 85.2353) contains.

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Color

XYZ(59.9043, 62.3222, 85.2160)

Conversions

Conversions Part 1

Format	Color
Hex	C5CFE8
RGB	197, 207, 232
RGB Percent	77%, 81%, 91%
CMY	0.2274, 0.1882, 0.0902
CMYK	0.15, 0.11, 0.00, 0.09
HSL	223°, 43%, 84%
HSV	223°, 15%, 91%
XYZ	59.9043, 62.3222, 85.2160
YIQ	206.8600, -13.9850, 5.6550

Conversions

Conversions Part 2

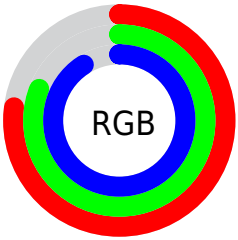
Format	Color
RYB	197, 205, 232
Decimal	12963816
CIELab	83.08, 1.60, -13.48
CIELCh	83, 13.570, 276.778
Yxy	62.3222, 0.2888, 0.3004
Android (android.graphics.Color)	4291153896 (0xFFC5CFE8)
YUV	206.8600, 12.3940, -8.6472
Hunter-Lab	78.9444, -2.7040, -8.7391

Details

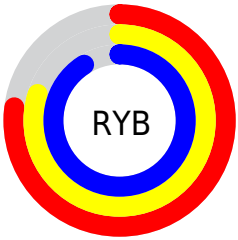
The XYZ color 59.9043, 62.3222, 85.2160 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 69.4784, 73.4294, 63.3361, and the grayscale version is 59.1489, 62.2292, 67.7676.

A 20% lighter version of the original color is 94.6831, 99.8108, 108.8828, and 30.5554, 31.7567, 45.5935 is the 20% darker color. If you saturate the color by 10%, you get 50.4850, 51.8178, 83.6859, and if you desaturate by 10%, it is 70.6836, 74.1563, 86.9331.

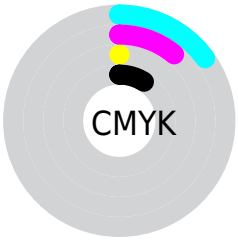
Distribution



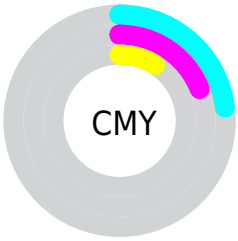
- Red (77%)
- Green (81%)
- Blue (91%)



- Red (77%)
- Yellow (80%)
- Blue (91%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9043, 62.3222, 85.2160 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 59.9043, 62.3222, 85.2160 by changing the saturation by 10% instead.

59.9043, 62.3222, 85.2160

414.0853, 433.1054, 532.5057

103.7980, 108.1911, 142.5518

132.1087, 137.7996, 178.9773

165.1492, 172.3701, 221.1327

203.2848, 212.2869, 269.4364

246.8809, 257.9345, 324.3070

296.3027,

59.9043, 62.3222, 85.2160

43.5907, 45.2931, 63.4687

30.5454, 31.6883, 45.7770

20.4030, 21.1236, 31.7225

12.7983, 13.2144, 20.8866

7.3658, 7.5763, 12.8507

3.7403, 3.8251, 7.1963

1.5563, 1.5762,

309.6971, 386.1631

351.9158, 367.9593, 455.4232

3.5049

0.3637, 0.3415, 1.3578

0.0000, 0.0000, 0.1085

59.9043, 62.3222, 85.2160

50.4850, 51.8178, 83.6859

42.3644, 42.5875, 82.3323

35.4850, 34.5832, 81.1499

29.7825, 27.7503, 80.1315

59.9043, 62.3222, 85.2160

70.6836, 74.1563, 86.9331

82.8695, 87.3578, 88.8389

91.5657, 98.6063, 90.5518

25.1863, 22.0300, 79.2697

21.6181, 17.3579, 78.5559

18.9878, 13.6616, 77.9811

17.1877, 10.8576, 77.5347

16.5317, 9.7583, 77.3571

Harmonies

Analogous

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

57.0368, 62.3222, 83.8302

59.9043, 62.3222, 85.2160

62.6807, 62.3222, 81.6520

Triad

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

59.9043, 62.3222, 85.2160

63.8740, 62.3222, 58.6297

54.1965, 62.3222, 61.6799

Complementary

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

59.9043, 62.3222, 85.2160

69.4784, 73.4294, 63.3361

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.

55.9187, 62.3222, 55.7127

59.9043, 62.3222, 85.2160

61.4897, 62.3222, 54.0560

Square

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

59.9043, 62.3222, 85.2160

65.0211, 62.3222, 65.9676

58.5715, 62.3222, 53.0338

53.8035, 62.3222, 69.7848

Rectangle

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

59.9043, 62.3222, 85.2160

64.0856, 62.3222, 77.1092

58.5715, 62.3222, 53.0338

54.6363, 62.3222, 59.3786

Sweetspot

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

59.9062, 62.3248, 85.2174

87.6773, 91.9885, 107.7422

65.0016, 74.8318, 79.7756

18.5524, 19.4557, 23.0275

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.

59.9062, 62.3248, 85.2174

70.5519, 73.1482, 105.0083

59.4349, 58.5975, 84.5228

13.9166, 14.5546, 18.2202

9.2706, 5.6033, 42.9761

0.7624, 0.5688, 3.2016

Inverse Universe

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

64.5090, 61.5948, 67.5234

77.2790, 72.1956, 79.1224

69.9871, 77.7531, 64.1438

14.5455, 14.4354, 15.8070

19.0729, 9.7634, 4.0128

1.4485, 0.7371, 0.5022

Previews

White Background

This preview shows how the XYZ color 59.9043, 62.3222, 85.2160 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 59.9043, 62.3222, 85.2160 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 59.9043, 62.3222, 85.2160

Background

This preview shows how black text looks on a background with the XYZ color 59.9043, 62.3222, 85.2160.

This preview shows how white text looks on a background with the XYZ color 59.9043, 62.3222,

85.2160.

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
59.9043, 62.3222, 85.2160

Protanopia
60.8837, 62.1287, 84.3844

Deuteranopia
63.3262, 61.9526, 85.7112

Tritanopia
58.9114, 62.2838, 80.1512

Trichromacy

Original Color
59.9043, 62.3222, 85.2160

Protanomaly
60.5825, 62.3296, 84.4391

Deuteranomaly
62.0763, 62.0050, 85.7872

Tritanomaly
59.3244, 62.4489, 82.3259

Monochromacy

Original Color
59.9043, 62.3222, 85.2160

Achromatopsia
59.3074, 62.3960, 67.9493

Achromatomaly
59.3361, 62.2800, 73.8596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9043, 62.3222, 85.2160 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(197, 207, 232) looks like.

```
.text, #text, p{
    color:rgb(197, 207, 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(197, 207, 232) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(197, 207, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 207, 232) }
```

Border

The CSS property to change the border of an element to XYZ 59.9043, 62.3222, 85.2160 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(197, 207, 232) }
```

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

```
.border{ border-color:rgb(197, 207, 232) }
```

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

Here you see how a box with a 4 pixel rgb(197, 207, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 207, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 207, 232); box-shadow:4px 4px 4px 4px rgb(197, 207, 232) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9043, 62.3222, 85.2160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(197, 207, 232) }
```

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

```
.background{ background-color:rgb(197,
207, 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.

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