Converting Colors

XYZ(54.9236, 61.0989, 75.9170)

Have a look what the booklet for XYZ(54.9236, 61.0989, 75.9170) contains.

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Color

XYZ(54.8888, 61.0314, 75.9051)

Conversions

Conversions Part 1

Format	Color
Hex	B5D2DB
RGB	181, 210, 219
RGB Percent	71%, 82%, 86%
CMY	0.2902, 0.1765, 0.1412
CMYK	0.17, 0.04, 0.00, 0.14
HSL	194°, 35%, 78%
HSV	194°, 17%, 86%
XYZ	54.8888, 61.0314, 75.9051
YIQ	202.3550, -20.1730, -3.3490

Conversions

Conversions Part 2

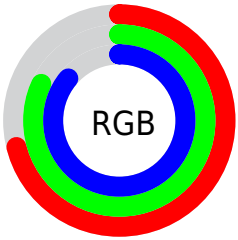
Format	Color
RYB	181, 197, 219
Decimal	11915995
CIELab	82.40, -7.74, -7.69
CIELCh	82, 10.913, 224.800
Yxy	61.0314, 0.2861, 0.3182
Android (android.graphics.Color)	4290106075 (0xFFB5D2DB)
YUV	202.3550, 8.2060, -18.7283
Hunter-Lab	78.1226, -11.3008, -2.9212

Details

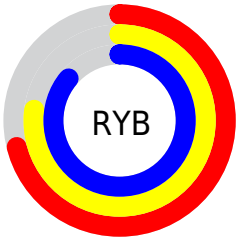
The XYZ color 54.8888, 61.0314, 75.9051 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 55.9678, 55.2231, 51.4265, and the grayscale version is 56.3215, 59.2546, 64.5282.

A 20% lighter version of the original color is 88.7351, 96.7445, 108.6045, and 27.4914, 31.0465, 39.6656 is the 20% darker color. If you saturate the color by 10%, you get 48.8928, 56.0721, 75.2649, and if you desaturate by 10%, it is 61.7371, 66.4948, 76.5997.

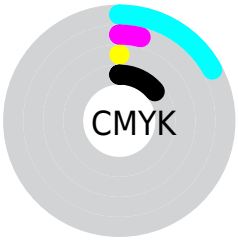
Distribution



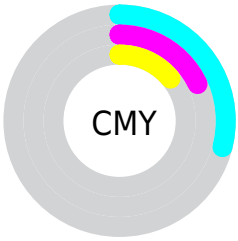
- Red (71%)
- Green (82%)
- Blue (86%)



- Red (71%)
- Yellow (77%)
- Blue (86%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8888, 61.0314, 75.9051 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 54.8888, 61.0314, 75.9051 by changing the saturation by 10% instead.

54.8888, 61.0314, 75.9051

395.6335, 428.3891, 500.3610

96.5273, 106.3244, 129.3516

123.5539, 135.6053, 163.5786

155.2058, 169.8217, 203.3661

191.8485, 209.3579, 249.1328

233.8472, 254.5983, 301.2970

281.5674,

54.8888, 61.0314, 75.9051

39.5462, 44.2505, 55.8485

27.3675, 30.8675, 39.6783

17.9874, 20.4980, 26.9759

11.0406, 12.7575, 17.3229

6.1617, 7.2618, 10.3006

2.9852, 3.6264, 5.4905

1.1459, 1.4668,

305.9274, 360.2774

335.3744, 363.7296, 426.4926

2.4741

0.0630, 0.2652, 0.8264

0.0000, 0.0000, 0.0000

54.8888, 61.0314, 75.9051

48.8928, 56.0721, 75.2649

43.7056, 51.5892, 74.6730

39.2881, 47.5635, 74.1288

35.5956, 43.9713, 73.6300

54.8888, 61.0314, 75.9051

61.7371, 66.4948, 76.5997

69.4678, 72.4738, 77.3463

78.1162, 78.9884, 78.1479

82.5311, 83.3839, 78.7636

32.5786, 40.7867, 73.1743

30.1808, 37.9799, 72.7589

28.3368, 35.5165, 72.3807

26.9583, 33.3506, 72.0352

26.6324, 32.8066, 71.9474

84.0018, 86.3255, 79.2539

85.5160, 89.3537, 79.7586

87.0738, 92.4694, 80.2779

88.6757, 95.6731, 80.8118

89.7864, 97.8945, 81.1821

Harmonies

Analogous

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

53.7860, 61.0314, 69.7829

54.8888, 61.0314, 75.9051

56.8424, 61.0314, 79.6127

Triad

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

54.8888, 61.0314, 75.9051

62.4379, 61.0314, 69.8722

56.8722, 61.0314, 54.8091

Complementary

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

54.8888, 61.0314, 75.9051

55.9678, 55.2231, 51.4265

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.

59.1905, 61.0314, 54.8295

54.8888, 61.0314, 75.9051

62.4464, 61.0314, 63.2304

Square

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

54.8888, 61.0314, 75.9051

61.2213, 61.0314, 75.9743

61.2443, 61.0314, 57.8197

54.9101, 61.0314, 57.7621

Rectangle

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

54.8888, 61.0314, 75.9051

58.3840, 61.0314, 80.0689

61.2443, 61.0314, 57.8197

57.6346, 61.0314, 54.4751

Sweetspot

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

54.8906, 61.0339, 75.9065

89.5583, 95.7505, 108.3692

53.6683, 64.1997, 58.2031

19.0095, 20.3700, 23.1798

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.

54.8906, 61.0339, 75.9065

74.1063, 83.3955, 106.7989

50.5032, 52.2592, 74.4440

13.1700, 14.2797, 16.7143

15.8797, 19.6288, 42.6902

1.0932, 1.4004, 2.7871

Inverse Universe

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

57.3715, 52.7622, 68.1360

78.3070, 69.6735, 93.5786

60.3227, 63.9329, 52.8781

13.4757, 13.2194, 15.7661

21.5107, 10.6053, 22.8669

1.4261, 0.7001, 1.6526

Previews

White Background

This preview shows how the XYZ color 54.8888, 61.0314, 75.9051 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 54.8888, 61.0314, 75.9051 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 54.8888, 61.0314, 75.9051

Background

This preview shows how black text looks on a background with the XYZ color 54.8888, 61.0314, 75.9051.

This preview shows how white text looks on a background with the XYZ color 54.8888, 61.0314,

75.9051.

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
54.8888, 61.0314, 75.9051

Protanopia
58.7985, 60.5973, 72.8874

Deuteranopia
62.0898, 60.8190, 76.8734

Tritanopia
55.8193, 61.0370, 80.7908

Trichromacy

Original Color
54.8888, 61.0314, 75.9051

Protanomaly
57.2309, 60.8362, 73.6919

Deuteranomaly
59.1760, 60.7165, 76.3107

Tritanomaly
55.4112, 60.8737, 78.6414

Monochromacy

Original Color
54.8888, 61.0314, 75.9051

Achromatopsia
56.1383, 59.0619, 64.3184

Achromatomaly
55.4646, 59.6860, 68.2718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8888, 61.0314, 75.9051 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(181, 210, 219) looks like.

```
.text, #text, p{
    color:rgb(181, 210, 219)
}
```

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(181, 210, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 210, 219) }
```

Border

The CSS property to change the border of an element to XYZ 54.8888, 61.0314, 75.9051 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(181, 210, 219) }
```

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

```
.border{ border-color:rgb(181, 210, 219) }
```

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

Here you see how a box with a 4 pixel rgb(181, 210, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 210, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 210, 219); box-shadow:4px 4px 4px 4px rgb(181, 210, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8888, 61.0314, 75.9051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(181, 210, 219) }
```

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

```
.background{ background-color:rgb(181, 210, 219) }
```

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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