

Converting Colors

XYZ(54.9514, 59.0444, 82.6851)

Have a look what the booklet for
XYZ(54.9514, 59.0444, 82.6851)
contains.

XYZ(55.0302, 59.1435, 82.6442)	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(55.0302, 59.1435,
82.6442)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CDE5
RGB	181, 205, 229
RGB Percent	71%, 80%, 90%
CMY	0.2902, 0.1961, 0.1020
CMYK	0.21, 0.10, 0.00, 0.10
HSL	210°, 48%, 80%
HSV	210°, 21%, 90%
XYZ	55.0302, 59.1435, 82.6442
YIQ	200.5600, -22.0080, 2.3760

Conversions

Conversions Part 2

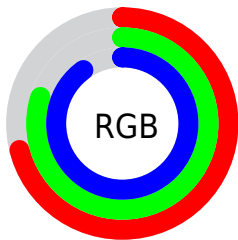
Format	Color
RYB	181, 197, 229
Decimal	11914725
CIELab	81.37, -2.97, -14.56
CIELCh	81, 14.857, 258.479
Yxy	59.1435, 0.2796, 0.3005
Android (android.graphics.Color)	4290104805 (0xFFB5CDE5)
YUV	200.5600, 14.0209, -17.1541
Hunter-Lab	76.9048, -6.8555, -9.8814

Details

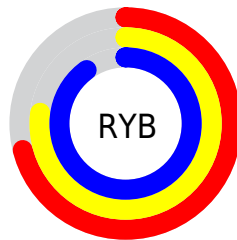
The XYZ color **55.0302, 59.1435, 82.6442** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4855, 63.6570, 52.7111**, and the grayscale version is **55.1723, 58.0456, 63.2117**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **27.4590, 29.7012, 44.3301** is the 20% darker color. If you saturate the color by 10%, you get **47.4567, 51.3226, 81.5347**, and if you desaturate by 10%, it is **63.6903, 67.8251, 83.8644**.

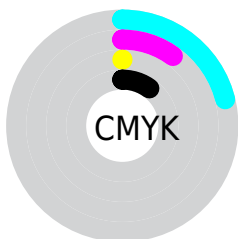
Distribution



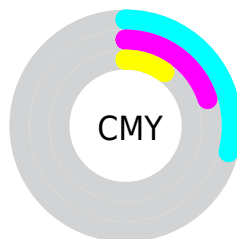
- Red (71%)
- Green (80%)
- Blue (90%)



- Red (71%)
- Yellow (77%)
- Blue (90%)



- Cyan (21%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (29%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0302, 59.1435, 82.6442 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 55.0302, 59.1435, 82.6442 by changing the saturation by 10% instead.

■ 55.0302, 59.1435,
82.6442

■ 55.0302, 59.1435,
82.6442

396.1609,
421.4335, 523.7399

■ 39.6598, 42.7286,
61.3578

■ 96.7333, 103.5862,
138.9218

■ 27.4565, 29.6723,
44.0815

123.7967,
132.3828, 174.7500

■ 18.0547, 19.5900,
30.3969

155.4885,
166.0755, 216.2626

■ 11.0892, 12.0973,
19.8855

192.1741,
205.0486, 263.8781

■ 6.1946, 6.8100,
12.1286

234.2187,
249.6866, 318.0151

■ 3.0055, 3.3436,
6.7077

281.9879,

■ 1.1567, 1.3136,

300.3738, 379.0920

3.2043

335.8468,
357.4946, 447.5274

■ 0.0718, 0.1517,
1.1999

■ 0.0000, 0.0000,
0.0000

■ 55.0302, 59.1435,
82.6442

■ 55.0302, 59.1435,
82.6442

■ 47.4567, 51.3226,
81.5347

■ 63.6903, 67.8251,
83.8644

■ 40.9170, 44.3243,
80.5286

■ 73.4759, 77.3890,
85.1947

■ 35.3619, 38.1183,
79.6235

■ 84.4304, 87.8652,
86.6394

■ 30.7355, 32.6690,
78.8155

■ 89.8178, 95.7867,
87.8845

■ 26.9760, 27.9373,
78.1004

■ 91.1430, 98.4372,
88.3263

■ 24.0126, 23.8798,
77.4734

■ 21.7621, 20.4456,
76.9291

■ 20.2182, 17.8076,
76.5013

Harmonies

Analogous

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



52.3490, 59.1435, 78.0647



55.0302, 59.1435, 82.6442



58.1276, 59.1435, 82.0116

Triad

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



55.0302, 59.1435, 82.6442



62.0683, 59.1435, 59.1289



51.8619, 59.1435, 53.7157

Complementary

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



55.0302, 59.1435, 82.6442



62.4855, 63.6570, 52.7111

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.



54.3431, 59.1435, 49.5048



55.0302, 59.1435, 82.6442



60.2650, 59.1435, 52.4261

Square

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



55.0302, 59.1435, 82.6442



62.2688, 59.1435, 67.8727



57.4149, 59.1435, 49.0555



50.5652, 59.1435, 61.0425

Rectangle

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



55.0302, 59.1435, 82.6442



60.0110, 59.1435, 78.7299



57.4149, 59.1435, 49.0555



52.5808, 59.1435, 51.9190

Sweetspot

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



55.0320, 59.1459, 82.6455



87.2515, 92.4290, 107.8497



57.9996, 70.2328, 67.7532



18.5007, 19.6126, 23.0605



0.0000, 0.0000, 0.0000



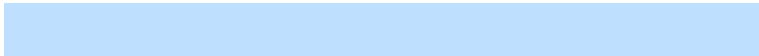
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0320, 59.1459, 82.6455



66.0207, 71.1726, 104.8658



49.8872, 48.8563, 80.9306



14.1753, 15.0720, 18.3064



11.6801, 10.4223, 43.7793



0.9560, 0.9560, 3.2661

Inverse Universe

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



59.8578, 54.1149, 65.0506



73.2619, 63.9654, 78.3878



68.4531, 75.5922, 54.7003



14.6761, 14.4876, 16.4946



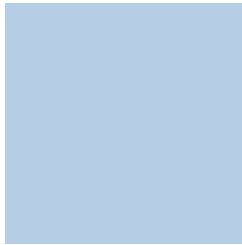
20.2891, 10.2499, 10.4173



1.5462, 0.7762, 1.0167

Previews

White Background



This preview shows how the XYZ color 55.0302, 59.1435, 82.6442 looks on a white background.

Color Contrast Check

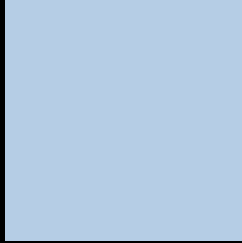
Large Text (above 18pt) WCAG AA × Fail

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 55.0302, 59.1435, 82.6442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

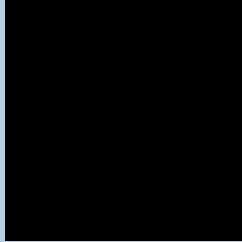
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

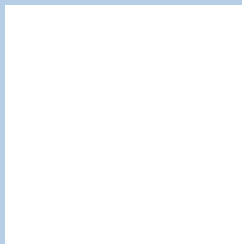
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0302, 59.1435, 82.6442

Background



This preview shows how black text looks on a background with the XYZ color 55.0302, 59.1435, 82.6442.



This preview shows how white text looks on a background with the XYZ color 55.0302, 59.1435,

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

55.0302, 59.1435, 82.6442

Protanopia

57.6704, 58.8053, 80.2625

Deuteranopia

60.4025, 59.1119, 83.8275



Tritanopia

54.0785, 59.1198, 77.6683

Trichromacy



Original Color

55.0302, 59.1435, 82.6442

Protanomaly

56.7239, 58.9936, 81.0703

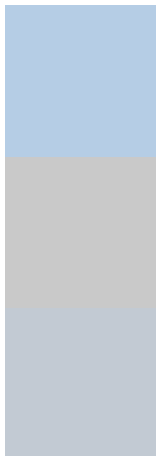
Deuteranomaly

58.2259, 59.0275, 83.1875

Tritanomaly

54.4843, 59.2822, 79.8051

Monochromacy



Original Color

55.0302, 59.1435, 82.6442

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.1265, 58.4135, 69.9975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0302, 59.1435, 82.6442 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, 205, 229)` looks like.

```
.text, #text, p{  
    color:rgb(181, 205, 229)  
}
```

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, 205, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 205, 229) }
```

Border

The CSS property to change the border of an element to XYZ 55.0302, 59.1435, 82.6442 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, 205, 229) }
```


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

```
.border{ border-color:rgb(181, 205, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 205, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 205, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 205, 229);  
box-shadow:4px 4px 4px 4px rgb(181, 205,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0302, 59.1435, 82.6442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 205, 229) }
```

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

```
.background{ background-color: rgb(181,  
205, 229) }
```

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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