

Converting Colors

XYZ(58.6709, 76.3034,
101.6230)

Have a look what the booklet for
XYZ(58.6709, 76.3034, 101.6230)
contains.

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Color

**XYZ(58.6555, 76.2867,
101.2559)**

Conversions

Conversions Part 1

Format	Color
Hex	82F4F9
RGB	130, 244, 249
RGB Percent	51%, 96%, 98%
CMY	0.4902, 0.0431, 0.0235
CMYK	0.48, 0.02, 0.00, 0.02
HSL	183°, 91%, 74%
HSV	183°, 48%, 98%
XYZ	58.6555, 76.2867, 101.2559
YIQ	210.4840, -69.5490, -22.6130

Conversions

Conversions Part 2

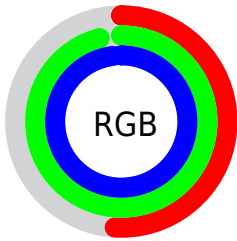
Format	Color
R _Y B	130, 188, 249
Decimal	8582393
CIE Lab	89.99, -31.17, -12.47
CIE LCh	90, 33.575, 201.805
Yxy	76.2867, 0.2483, 0.3230
Android (android.graphics.Color)	4286772473 (0xFF82F4F9)
YUV	210.4840, 18.9884, -70.5845
Hunter-Lab	87.3423, -32.9756, -7.5953

Details

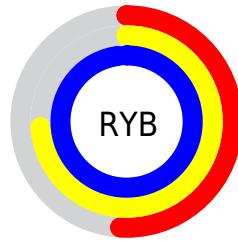
The XYZ color **58.6555, 76.2867, 101.2559** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.7616, 39.0808, 25.9363**, and the grayscale version is **61.4905, 64.6928, 70.4504**.

A 20% lighter version of the original color is **75.0452, 89.6871, 107.9638**, and **29.7107, 40.5842, 56.7197** is the 20% darker color. If you saturate the color by 10%, you get **54.9753, 73.9254, 100.9954**, and if you desaturate by 10%, it is **63.2661, 79.1338, 101.5638**.

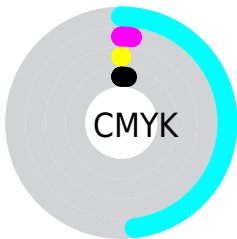
Distribution



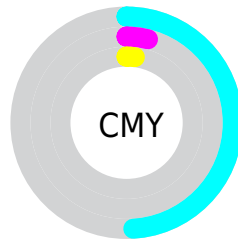
- Red (51%)
- Green (96%)
- Blue (98%)



- Red (51%)
- Yellow (74%)
- Blue (98%)



- Cyan (48%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)





- Cyan (49%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6555, 76.2867, 101.2559 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 58.6555, 76.2867, 101.2559 by changing the saturation by 10% instead.

 58.6555, 76.2867,
101.2559

 58.6555, 76.2867,
101.2559


409.5387,
482.3286, 585.4928

 42.5812, 56.6676,
76.7271


 101.9943,
128.1321, 164.9489

 29.7497, 40.7385,
56.5187


 129.9895,
161.1272, 204.9502

 19.7958, 28.1148,
40.2122

 162.6890,
199.3498, 250.9460

 12.3541, 18.4122,
27.3890

200.4581,
243.1842, 303.3550

 7.0592, 11.2463,
17.6305

243.6623,
293.0149, 362.5956

 3.5458, 6.2328,
10.5184

292.6669,

 1.4486, 2.9871,

349.2263, 429.0864

5.6339

347.8372,
412.2027, 503.2460

■ 0.2904, 1.1250,
2.5586

■ 0.0000, 0.0000,
0.8710

■ 58.6555, 76.2867,
101.2559

■ 58.6555, 76.2867,
101.2559

■ 54.9753, 73.9254,
100.9954

■ 63.2661, 79.1338,
101.5638

■ 52.1508, 72.0062,
100.7739

■ 68.8612, 82.4893,
101.9166

■ 50.1073, 70.4921,
100.5893

■ 75.4990, 86.3850,
102.3187

■ 48.7538, 69.3365,
100.4376

■ 83.2310, 90.8475,
102.7725

■ 47.9687, 68.4765,
100.3130

■ 92.1055, 95.9016,
103.2803

■ 47.8322, 68.3058,
100.2872

■ 92.6114, 96.6442,
103.3970

■ 92.9378, 97.2969,
103.5057

■ 93.2659, 97.9533,
103.6151

■ 93.5959, 98.6132,
103.7251

Harmonies

Analogous

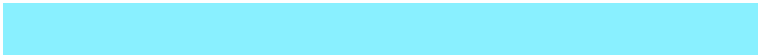
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.8084, 76.2867, 76.7063



58.6555, 76.2867, 101.2559



63.0656, 76.2867, 124.4899

Triad

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



58.6555, 76.2867, 101.2559



85.8114, 76.2867, 114.7111



74.8110, 76.2867, 45.4889

Complementary

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



58.6555, 76.2867, 101.2559



51.7616, 39.0808, 25.9363

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.



82.8492, 76.2867, 52.0274



58.6555, 76.2867, 101.2559



89.5100, 76.2867, 89.7621

Square

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



58.6555, 76.2867, 101.2559



78.6097, 76.2867, 133.2343



88.3864, 76.2867, 67.1917



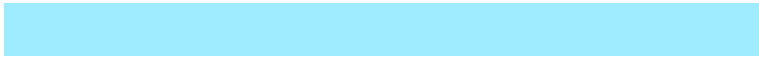
66.7309, 76.2867, 47.3944

Rectangle

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



58.6555, 76.2867, 101.2559



67.6301, 76.2867, 134.5902



88.3864, 76.2867, 67.1917



77.6155, 76.2867, 46.7192

Sweetspot

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



58.6578, 76.2896, 101.2577



82.6373, 92.8937, 108.1826



47.3841, 74.2191, 34.3724



17.3230, 19.6718, 23.1340



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.



58.6578, 76.2896, 101.2577



58.2803, 78.1993, 106.6300



43.7675, 46.5090, 96.2943



17.6997, 19.4762, 22.2117



25.6309, 36.6173, 53.6905



2.3927, 3.4291, 4.9789

Inverse Universe

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



63.3806, 42.6387, 90.4806



63.8608, 39.1695, 93.7316



62.2712, 60.1001, 29.4395



17.9597, 17.5112, 21.6435



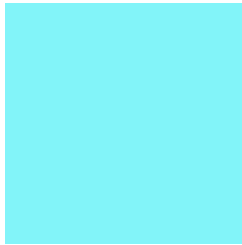
29.2293, 14.1074, 44.7774



2.7166, 1.3104, 4.1972

Previews

White Background



This preview shows how the XYZ color 58.6555, 76.2867, 101.2559 looks on a white background.

Color Contrast Check

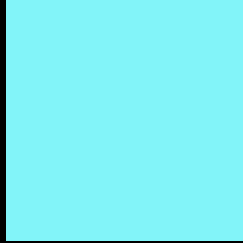
Large Text (above 18pt) WCAG AA × Fail

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 58.6555, 76.2867, 101.2559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

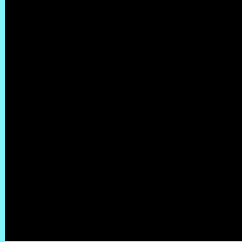
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6555, 76.2867, 101.2559

Background



This preview shows how black text looks on a background with the XYZ color 58.6555, 76.2867, 101.2559.

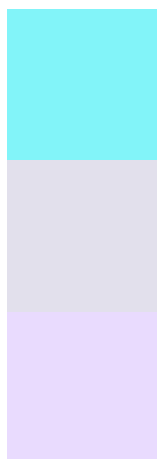


This preview shows how white text looks on a background with the XYZ color 58.6555, 76.2867,

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

58.6555, 76.2867, 101.2559

Protanopia

73.1600, 75.5362, 90.0809

Deuteranopia

76.8252, 75.1424, 104.2207



Tritanopia

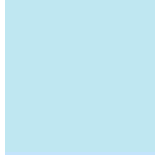
62.8211, 76.1211, 105.9896

Trichromacy



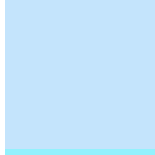
Original Color

58.6555, 76.2867, 101.2559



Protanomaly

65.9390, 74.5791, 94.1389



Deuteranomaly

68.0790, 74.2508, 102.8392



Tritanomaly

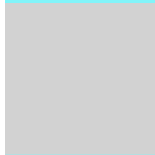
61.2175, 76.2055, 104.4111

Monochromacy



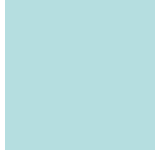
Original Color

58.6555, 76.2867, 101.2559



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

58.6319, 67.4481, 80.4496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6555, 76.2867, 101.2559 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(130, 244, 249)` looks like.

```
.text, #text, p{  
    color:rgb(130, 244, 249)  
}
```

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(130, 244, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 244, 249) }
```

Border

The CSS property to change the border of an element to XYZ 58.6555, 76.2867, 101.2559 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(130, 244, 249) }
```


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

```
.border{ border-color:rgb(130, 244, 249) }
```

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

Here you see how a box with a 4 pixel rgb(130, 244, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 244, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 244, 249);  
box-shadow:4px 4px 4px 4px rgb(130, 244,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6555, 76.2867, 101.2559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 244, 249) }
```

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

```
.background{ background-color: rgb(130,  
244, 249) }
```

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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