

Converting Colors

XYZ(57.9598, 73.1542,
105.6456)

Have a look what the booklet for
XYZ(57.9598, 73.1542, 105.6456)
contains.

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Color

**XYZ(57.9846, 73.1944,
105.6796)**

Conversions

Conversions Part 1

Format	Color
Hex	83EEFF
RGB	131, 238, 255
RGB Percent	51%, 93%, 100%
CMY	0.4863, 0.0667, 0.0000
CMYK	0.49, 0.07, 0.00, 0.00
HSL	188°, 100%, 76%
HSV	188°, 49%, 100%
XYZ	57.9846, 73.1944, 105.6796
YIQ	207.9450, -69.2290, -17.3970

Conversions

Conversions Part 2

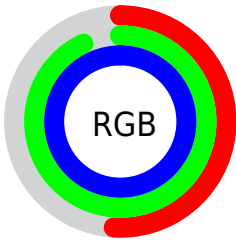
Format	Color
R_{YB}	131, 188, 255
Decimal	8646399
CIE _{Lab}	88.54, -26.54, -17.78
CIE _{LCh}	89, 31.947, 213.811
Yxy	73.1944, 0.2448, 0.3090
Android (android.graphics.Color)	4286836479 (0xFF83EEFF)
YUV	207.9450, 23.1981, -67.4808
Hunter-Lab	85.5537, -28.7395, -13.3499

Details

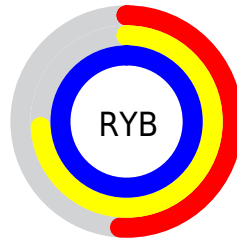
The XYZ color **57.9846, 73.1944, 105.6796** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.9272, 44.0791, 27.0351**, and the grayscale version is **59.8071, 62.9217, 68.5217**.

A 20% lighter version of the original color is **75.2959, 89.8164, 107.9755**, and **29.3049, 38.7621, 59.3634** is the 20% darker color. If you saturate the color by 10%, you get **53.5031, 69.3896, 105.1814**, and if you desaturate by 10%, it is **63.4616, 77.5450, 106.2306**.

Distribution



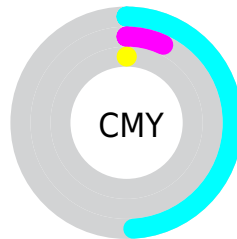
- Red (51%)
- Green (93%)
- Blue (100%)



- Red (51%)
- Yellow (74%)
- Blue (100%)



- Cyan (49%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9846, 73.1944, 105.6796 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 57.9846, 73.1944, 105.6796 by changing the saturation by 10% instead.

57.9846, 73.1944,
105.6796

57.9846, 73.1944,
105.6796

407.0833,
471.6883, 599.6541

42.0395, 54.1349,
80.4090

101.0235,
123.7531, 171.0603

29.3235, 38.7096,
59.5268

128.8480,
156.0212, 212.0075

19.4712, 26.5339,
42.6146

161.3631,
193.4610, 259.0172

12.1172, 17.2234,
29.2536

198.9340,
236.4567, 312.5082

6.8963, 10.3939,
19.0256

241.9261,
285.3930, 372.8988

3.4431, 5.6609,
11.5117

290.7048,

1.3922, 2.6400,

340.6540, 440.6076

6.2937

345.6354,
402.6244, 516.0532

■ 0.2507, 0.9468,
2.9528

■ 0.0000, 0.0000,
1.0706

■ 57.9846, 73.1944,
105.6796

■ 57.9846, 73.1944,
105.6796

■ 53.5031, 69.3896,
105.1814

■ 63.4616, 77.5450,
106.2306

■ 49.9384, 66.0850,
104.7314

■ 69.9934, 82.4673,
106.8365

■ 47.2096, 63.2403,
104.3261

■ 77.6418, 87.9947,
107.5003

■ 45.2186, 60.8048,
103.9610

■ 86.4618, 94.1560,
108.2247

■ 43.8257, 58.7063, 95.0500, 100.0000,
103.6293 108.9000

■ 43.6555, 58.4310,
103.5852

Harmonies

Analogous

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



55.8246, 73.1944, 82.5461



57.9846, 73.1944, 105.6796



63.2409, 73.1944, 124.0922

Triad

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



57.9846, 73.1944, 105.6796



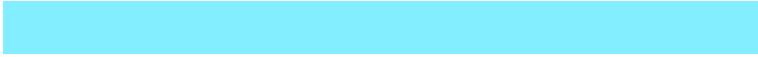
83.7097, 73.1944, 99.9001



68.5902, 73.1944, 44.4497

Complementary

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



57.9846, 73.1944, 105.6796



55.9272, 44.0791, 27.0351

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.



76.3060, 73.1944, 47.3967



57.9846, 73.1944, 105.6796



85.4024, 73.1944, 76.9127

Square

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



57.9846, 73.1944, 105.6796



78.1320, 73.1944, 120.3468



82.6020, 73.1944, 58.3645



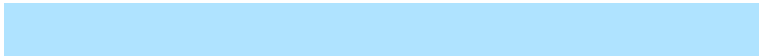
61.6558, 73.1944, 49.4166

Rectangle

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



57.9846, 73.1944, 105.6796



67.9860, 73.1944, 129.6867



82.6020, 73.1944, 58.3645



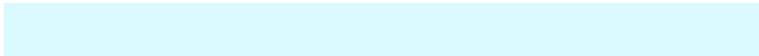
71.1766, 73.1944, 44.5536

Sweetspot

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



57.9866, 73.1971, 105.6800



80.7012, 90.1537, 107.7557



50.4297, 78.4692, 40.3138



16.8885, 19.0257, 23.0322



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.



57.9866, 73.1971, 105.6800



53.7557, 69.6126, 105.2111



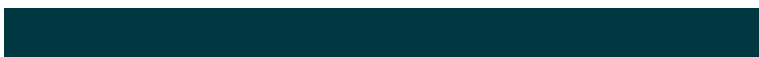
43.0286, 43.2811, 100.6940



18.3301, 20.0317, 23.1504



22.8930, 30.6956, 54.1528



2.2851, 3.1008, 5.2914

Inverse Universe

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



64.7902, 43.6673, 85.9058



61.4641, 37.7787, 82.4433



68.2691, 68.7629, 31.1490



18.6792, 18.2550, 22.1940



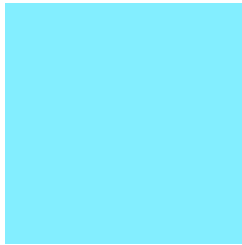
28.3435, 13.8267, 36.7891



2.7880, 1.3576, 3.7310

Previews

White Background



This preview shows how the XYZ color 57.9846, 73.1944, 105.6796 looks on a white background.

Color Contrast Check

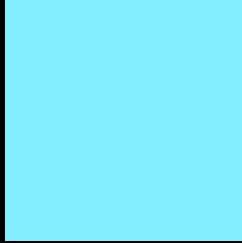
Large Text (above 18pt) WCAG AA × Fail

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 57.9846, 73.1944, 105.6796 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 57.9846, 73.1944, 105.6796

Background



This preview shows how black text looks on a background with the XYZ color 57.9846, 73.1944, 105.6796.

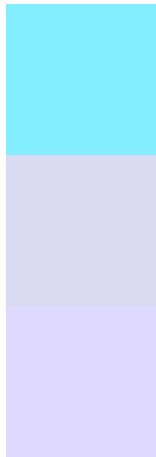


This preview shows how white text looks on a background with the XYZ color 57.9846, 73.1944,

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

57.9846, 73.1944, 105.6796

Protanopia

70.4226, 72.0395, 94.9874

Deuteranopia

73.0373, 72.0197, 104.6595



Tritanopia

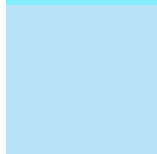
58.9816, 73.2773, 105.6430

Trichromacy



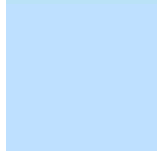
Original Color

57.9846, 73.1944, 105.6796



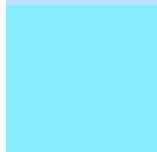
Protanomaly

64.2346, 71.5472, 98.4202



Deuteranomaly

65.9409, 71.4785, 104.9290



Tritanomaly

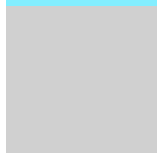
58.4875, 73.0226, 105.6199

Monochromacy



Original Color

57.9846, 73.1944, 105.6796



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

57.7445, 65.8026, 80.8919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9846, 73.1944, 105.6796 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(131, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(131, 238, 255)  
}
```

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(131, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 238, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.9846, 73.1944, 105.6796 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(131, 238, 255) }
```


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

```
.border{ border-color:rgb(131, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(131, 238,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9846, 73.1944, 105.6796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 238, 255) }
```

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

```
.background{ background-color: rgb(131,  
238, 255) }
```

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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