

Converting Colors

XYZ(51.4970, 58.7376, 98.9836)

Have a look what the booklet for
XYZ(51.4970, 58.7376, 98.9836)
contains.

XYZ(51.4572, 58.7461, 99.0695)	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(51.4572, 58.7461,
99.0695)**

Conversions

Conversions Part 1

Format	Color
Hex	8ED2FA
RGB	142, 210, 250
RGB Percent	56%, 82%, 98%
CMY	0.4431, 0.1765, 0.0196
CMYK	0.43, 0.16, 0.00, 0.02
HSL	202°, 92%, 77%
HSV	202°, 43%, 98%
XYZ	51.4572, 58.7461, 99.0695
YIQ	194.2280, -53.3680, -1.9760

Conversions

Conversions Part 2

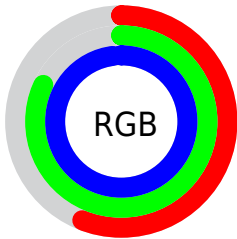
Format	Color
R_{YB}	142, 184, 250
Decimal	9360122
CIE _{Lab}	81.15, -11.25, -26.30
CIE _{LCh}	81, 28.602, 246.845
Yxy	58.7461, 0.2459, 0.2807
Android (android.graphics.Color)	4287550202 (0xFF8ED2FA)
YUV	194.2280, 27.4956, -45.8040
Hunter-Lab	76.6460, -14.2924, -22.9836

Details

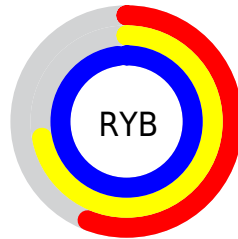
The XYZ color **51.4572, 58.7461, 99.0695** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.0360, 55.7341, 33.1338**, and the grayscale version is **51.2797, 53.9502, 58.7518**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **25.2604, 29.5585, 54.8261** is the 20% darker color. If you saturate the color by 10%, you get **45.4194, 52.3387, 98.1520**, and if you desaturate by 10%, it is **58.5929, 65.9184, 100.0789**.

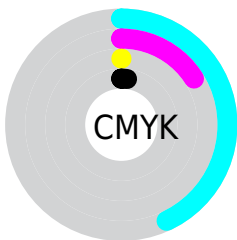
Distribution



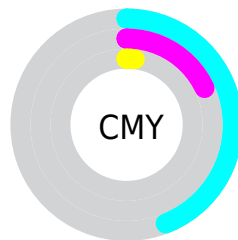
- Red (56%)
- Green (82%)
- Blue (98%)



- Red (56%)
- Yellow (72%)
- Blue (98%)



- Cyan (43%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (44%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4572, 58.7461, 99.0695 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 51.4572, 58.7461, 99.0695 by changing the saturation by 10% instead.

■ 51.4572, 58.7461,
99.0695

■ 51.4572, 58.7461,
99.0695

382.6960,
419.9604, 578.4264

■ 36.7951, 42.4088,
74.9111

■ 91.5092, 103.0086,
161.9186

■ 25.2218, 29.4215,
55.0388

■ 117.6298,
131.7025, 201.4464

■ 16.3720, 19.3999,
39.0340

148.3007,
165.2840, 246.9344

■ 9.8803, 11.9596,
26.4781

183.8872,
204.1376, 298.8011

■ 5.3813, 6.7162,
16.9527

224.7546,
248.6477, 357.4651

■ 2.5097, 3.2852,
10.0392

271.2683,

■ 0.9002, 1.2824,

299.1985, 423.3450

5.3190

323.7936,
356.1746, 496.8593

■ 0.0000, 0.1275,
2.3736

■ 0.0000, 0.0000,
0.7720

■ 51.4572, 58.7461,
99.0695

■ 51.4572, 58.7461,
99.0695

■ 45.4194, 52.3387,
98.1520

■ 58.5929, 65.9184,
100.0789

■ 40.4064, 46.6514,
97.3185

■ 66.8821, 73.8836,
101.1794

■ 36.3449, 41.6444,
96.5661

■ 76.3830, 82.6761,
102.3758

■ 33.1478, 37.2692,
95.8901

■ 87.1481, 92.3262,
103.6710

■ 30.7101, 33.4681,
95.2849

■ 94.2555, 99.6822,
104.7163

■ 29.3821, 31.1554,
94.9085

Harmonies

Analogous

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



47.1717, 58.7461, 85.6939



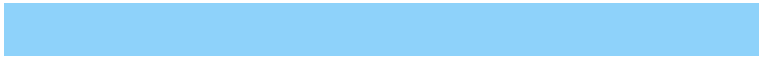
51.4572, 58.7461, 99.0695



57.2111, 58.7461, 102.3254

Triad

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



51.4572, 58.7461, 99.0695



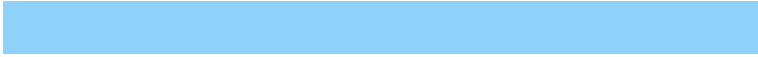
67.9839, 58.7461, 60.1382



49.2528, 58.7461, 41.1624

Complementary

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



51.4572, 58.7461, 99.0695



61.0360, 55.7341, 33.1338

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.



54.4839, 58.7461, 36.6350



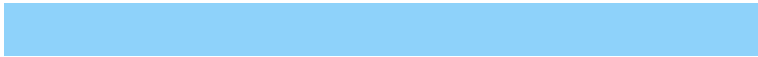
51.4572, 58.7461, 99.0695



65.5020, 58.7461, 46.2590

Square

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



51.4572, 58.7461, 99.0695



67.0305, 58.7461, 77.7337



60.4573, 58.7461, 38.3196



45.9636, 58.7461, 51.9256

Rectangle

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



51.4572, 58.7461, 99.0695



61.1640, 58.7461, 97.8807



60.4573, 58.7461, 38.3196



50.8275, 58.7461, 38.9567

Sweetspot

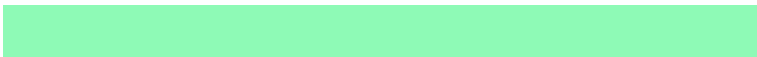
The Sweet Spot groups the original color and five complimentary colors.



51.4591, 58.7483, 99.0709



80.0959, 86.6612, 107.1135



53.7446, 77.4842, 56.1646



16.6487, 18.0970, 22.8655



0.0000, 0.0000, 0.0000



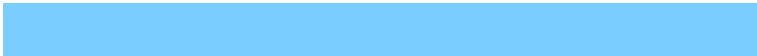
20.3446, 21.4041, 23.3091

Same Dimension

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



51.4591, 58.7483, 99.0709



48.1777, 55.4766, 102.7766



40.3680, 36.5662, 95.3739



17.1939, 18.4647, 22.0431



15.7274, 16.8103, 50.3893



1.5580, 1.7597, 4.7007

Inverse Universe

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



60.7318, 44.3249, 66.3297



59.3760, 39.7284, 62.8615



74.1885, 82.0391, 37.5179



17.7044, 17.4091, 20.2992



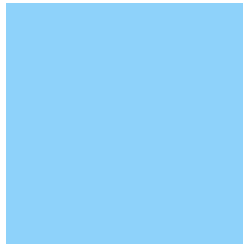
24.2305, 12.1079, 18.4539



2.2953, 1.1419, 1.9786

Previews

White Background



This preview shows how the XYZ color 51.4572, 58.7461, 99.0695 looks on a white background.

Color Contrast Check

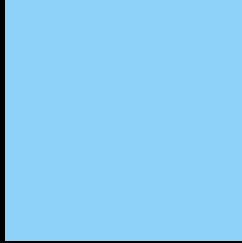
Large Text (above 18pt) WCAG AA × Fail

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 51.4572, 58.7461, 99.0695 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

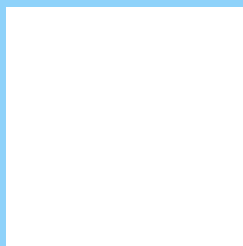
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.4572, 58.7461, 99.0695

Background



This preview shows how black text looks on a background with the XYZ color 51.4572, 58.7461, 99.0695.

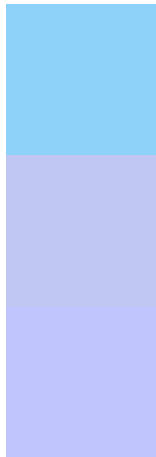


This preview shows how white text looks on a background with the XYZ color 51.4572, 58.7461,

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

51.4572, 58.7461, 99.0695

Protanopia

57.9363, 58.3340, 92.2104

Deuteranopia

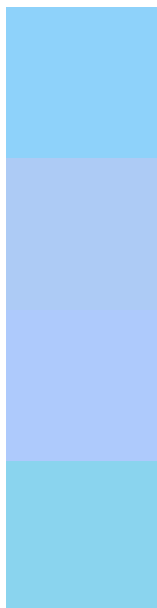
59.6882, 58.3618, 101.0476



Tritanopia

48.3714, 58.5923, 84.3613

Trichromacy



Original Color

51.4572, 58.7461, 99.0695

Protanomaly

55.0709, 58.1887, 94.7152

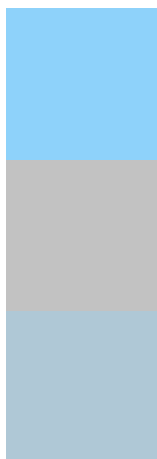
Deuteranomaly

56.1468, 58.2680, 100.3831

Tritanomaly

49.4573, 58.6633, 89.6054

Monochromacy



Original Color

51.4572, 58.7461, 99.0695

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.4711, 55.2776, 71.6279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4572, 58.7461, 99.0695 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(142, 210, 250)` looks like.

```
.text, #text, p{  
    color:rgb(142, 210, 250)  
}
```

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(142, 210, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 210, 250) }
```

Border

The CSS property to change the border of an element to XYZ 51.4572, 58.7461, 99.0695 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(142, 210, 250) }
```


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

```
.border{ border-color:rgb(142, 210, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 210, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 210, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 210, 250);  
box-shadow:4px 4px 4px 4px rgb(142, 210,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4572, 58.7461, 99.0695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 210, 250) }
```

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

```
.background{ background-color: rgb(142,  
210, 250) }
```

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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