

Converting Colors

XYZ(51.3726, 58.4616, 93.3706)

Have a look what the booklet for
XYZ(51.3726, 58.4616, 93.3706)
contains.

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Color

**XYZ(51.3726, 58.4616,
93.3706)**

Conversions

Conversions Part 1

Format	Color
Hex	95D1F3
RGB	149, 209, 243
RGB Percent	58%, 82%, 95%
CMY	0.4157, 0.1804, 0.0471
CMYK	0.39, 0.14, 0.00, 0.05
HSL	202°, 80%, 77%
HSV	202°, 39%, 95%
XYZ	51.3726, 58.4616, 93.3706
YIQ	194.9360, -46.6740, -2.1460

Conversions

Conversions Part 2

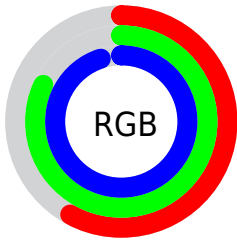
Format	Color
R _Y B	149, 186, 243
Decimal	9818611
CIE Lab	80.99, -10.79, -22.78
CIE LCh	81, 25.207, 244.647
Yxy	58.4616, 0.2528, 0.2877
Android (android.graphics.Color)	4288008691 (0xFF95D1F3)
YUV	194.9360, 23.6956, -40.2859
Hunter-Lab	76.4602, -13.8735, -18.8808

Details

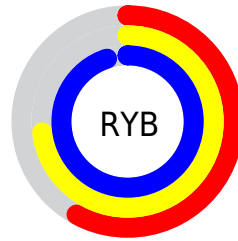
The XYZ color **51.3726, 58.4616, 93.3706** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.3216, 55.0927, 35.9430**, and the grayscale version is **51.7186, 54.4119, 59.2546**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **25.3071, 29.4102, 51.3566** is the 20% darker color. If you saturate the color by 10%, you get **45.2962, 52.2169, 92.4866**, and if you desaturate by 10%, it is **58.4965, 65.4255, 94.3403**.

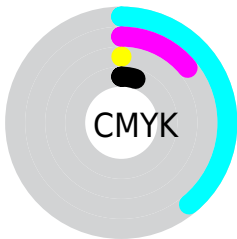
Distribution



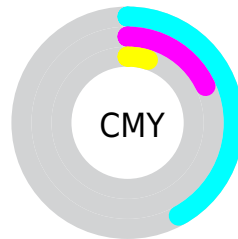
- Red (58%)
- Green (82%)
- Blue (95%)



- Red (58%)
- Yellow (73%)
- Blue (95%)



- Cyan (39%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (42%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3726, 58.4616, 93.3706 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 51.3726, 58.4616, 93.3706 by changing the saturation by 10% instead.

■ 51.3726, 58.4616,
93.3706

■ 51.3726, 58.4616,
93.3706

382.3735,
418.9038, 559.7859

■ 36.7275, 42.1799,
70.1902

■ 91.3850, 102.5948,
153.9877

■ 25.1693, 29.2422,
51.2038

■ 117.4830,
131.2150, 192.2616

■ 16.3326, 19.2641,
35.9930

148.1294,
164.7168, 236.4036

■ 9.8522, 11.8613,
24.1391

183.6894,
203.4846, 286.8324

■ 5.3626, 6.6493,
15.2237

224.5285,
247.9028, 343.9665

■ 2.4984, 3.2437,
8.8282

271.0119,

■ 0.8945, 1.2603,

298.3558, 408.2244

4.5340

323.5052,
355.2280, 480.0247

■ 0.0000, 0.1101,
1.9226

■ 0.0000, 0.0000,
0.5071

■ 51.3726, 58.4616,
93.3706

■ 51.3726, 58.4616,
93.3706

■ 45.2962, 52.2169,
92.4866

■ 58.4965, 65.4255,
94.3403

■ 40.2019, 46.6511,
91.6807

■ 66.7173, 73.1329,
95.3947

■ 36.0252, 41.7291,
90.9508

■ 76.0875, 81.6150,
96.5381

■ 32.6905, 37.4092,
90.2928

■ 86.6546, 90.8987,
97.7731

■ 30.1090, 33.6424,
89.7018

■ 92.5270, 97.9495,
98.8245

■ 28.1517, 30.3592,
89.1712

■ 93.1779, 99.2511,
99.0414

■ 27.9176, 29.9507,
89.1047

Harmonies

Analogous

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



47.7011, 58.4616, 81.4615



51.3726, 58.4616, 93.3706



56.3843, 58.4616, 96.8701

Triad

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



51.3726, 58.4616, 93.3706



66.1976, 58.4616, 61.3510



50.0456, 58.4616, 42.7900

Complementary

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



51.3726, 58.4616, 93.3706



59.3216, 55.0927, 35.9430

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.



54.7557, 58.4616, 39.0596



51.3726, 58.4616, 93.3706



64.2512, 58.4616, 48.6526

Square

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



51.3726, 58.4616, 93.3706



65.1524, 58.4616, 76.7924



59.9816, 58.4616, 41.0252



46.9693, 58.4616, 52.1081

Rectangle

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



51.3726, 58.4616, 93.3706



59.8637, 58.4616, 93.5641



59.9816, 58.4616, 41.0252



51.4791, 58.4616, 40.9135

Sweetspot

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



51.3744, 58.4639, 93.3720



81.2449, 87.7919, 107.2712



52.8797, 73.8653, 55.6740



17.0931, 18.5234, 22.9244



0.0000, 0.0000, 0.0000



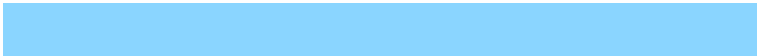
20.3446, 21.4041, 23.3091

Same Dimension

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



51.3744, 58.4639, 93.3720



52.1689, 59.9722, 103.4339



41.6887, 39.0924, 90.1434



16.4633, 17.6908, 21.0895



15.4545, 16.7028, 48.9475



1.4556, 1.6626, 4.3344

Inverse Universe

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



59.2198, 45.1548, 65.9185



62.2417, 44.1335, 67.9058



70.3799, 77.2092, 39.6290



16.9444, 16.6606, 19.4539



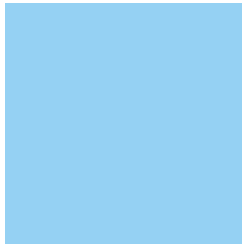
23.6052, 11.7855, 18.4274



2.1238, 1.0555, 1.8782

Previews

White Background



This preview shows how the XYZ color 51.3726, 58.4616, 93.3706 looks on a white background.

Color Contrast Check

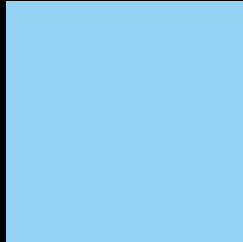
Large Text (above 18pt) WCAG AA × Fail

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 51.3726, 58.4616, 93.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

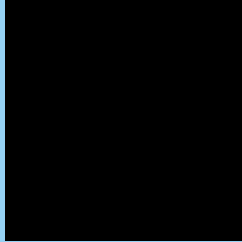
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3726, 58.4616, 93.3706

Background



This preview shows how black text looks on a background with the XYZ color 51.3726, 58.4616, 93.3706.



This preview shows how white text looks on a background with the XYZ color 51.3726, 58.4616,

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

51.3726, 58.4616, 93.3706

Protanopia

57.5561, 58.2404, 87.5649

Deuteranopia

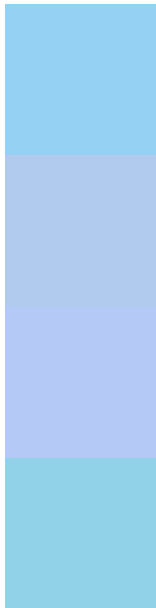
59.4004, 58.0040, 95.2539



Tritanopia

48.9749, 58.2097, 82.0531

Trichromacy



Original Color

51.3726, 58.4616, 93.3706

Protanomaly

55.0674, 58.2910, 90.0103

Deuteranomaly

56.1905, 58.0692, 94.6331

Tritanomaly

49.6086, 58.0874, 85.6881

Monochromacy



Original Color

51.3726, 58.4616, 93.3706

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.8980, 55.5270, 70.3225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3726, 58.4616, 93.3706 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(149, 209, 243)` looks like.

```
.text, #text, p{  
    color:rgb(149, 209, 243)  
}
```

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(149, 209, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 209, 243) }
```

Border

The CSS property to change the border of an element to XYZ 51.3726, 58.4616, 93.3706 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(149, 209, 243) }
```


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

```
.border{ border-color:rgb(149, 209, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 209, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 209, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 209, 243);  
box-shadow:4px 4px 4px 4px rgb(149, 209,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3726, 58.4616, 93.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 209, 243) }
```

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

```
.background{ background-color: rgb(149,  
209, 243) }
```

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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