

Converting Colors

XYZ(43.5720, 48.0264, 97.6734)

Have a look what the booklet for
XYZ(43.5720, 48.0264, 97.6734)
contains.

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Color

**XYZ(43.6318, 48.1568,
97.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	78BFFA
RGB	120, 191, 250
RGB Percent	47%, 75%, 98%
CMY	0.5294, 0.2510, 0.0196
CMYK	0.52, 0.24, 0.00, 0.02
HSL	207°, 93%, 73%
HSV	207°, 52%, 98%
XYZ	43.6318, 48.1568, 97.4380
YIQ	176.4970, -61.2550, 3.2970

Conversions

Conversions Part 2

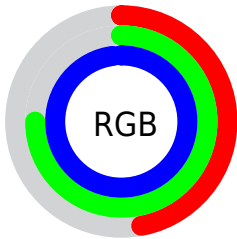
Format	Color
R _Y B	120, 166, 250
Decimal	7913466
CIE Lab	74.92, -6.20, -35.97
CIE LCh	75, 36.498, 260.212
Yxy	48.1568, 0.2306, 0.2545
Android (android.graphics.Color)	4286103546 (0xFF78BFFA)
YUV	176.4970, 36.2370, -49.5479
Hunter-Lab	69.3951, -9.2105, -34.6728

Details

The XYZ color **43.6318, 48.1568, 97.4380** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.9361, 53.9221, 25.0729**, and the grayscale version is **41.3673, 43.5216, 47.3950**.

A 20% lighter version of the original color is **69.9012, 83.3252, 107.0069**, and **20.4590, 22.9268, 53.7991** is the 20% darker color. If you saturate the color by 10%, you get **38.2274, 41.8395, 96.5044**, and if you desaturate by 10%, it is **50.1361, 55.3276, 98.4802**.

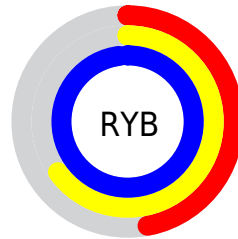
Distribution



Red (47%)

Green (75%)

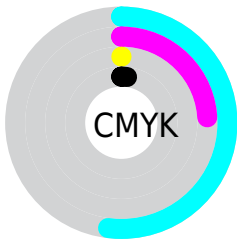
Blue (98%)



Red (47%)

Yellow (65%)

Blue (98%)

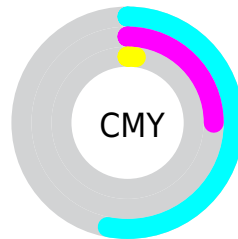


Cyan (52%)

Magenta (24%)

Yellow (0%)

Black (2%)



Cyan (53%)

Magenta (25%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6318, 48.1568, 97.4380 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 43.6318, 48.1568, 97.4380 by changing the saturation by 10% instead.

■ 43.6318, 48.1568,
97.4380

■ 43.6318, 48.1568,
97.4380

352.0813,
379.4133, 573.1234

■ 30.5778, 33.9511,
73.5577

■ 79.9132, 87.4378,
159.6530

■ 20.4278, 22.8560,
53.9375

■ 103.8713,
113.2819, 198.8247

■ 12.8165, 14.4872,
38.1589

■ 132.1948,
143.7742, 243.9307

■ 7.3784, 8.4603,
25.8032

165.2492,
179.2992, 295.3895

■ 3.7483, 4.3909,
16.4521

203.3996,
220.2412, 353.6197

■ 1.5607, 1.8945,
9.6868

247.0115,

■ 0.3666, 0.5451,

266.9846, 419.0396

5.0889

296.4503,
319.9138, 492.0680

■ 0.0000, 0.0000,
2.2399

■ 0.0000, 0.0000,
0.6972

■ 43.6318, 48.1568,
97.4380

■ 43.6318, 48.1568,
97.4380

■ 38.2274, 41.8395,
96.5044

■ 50.1361, 55.3276,
98.4802

■ 33.8417, 36.3245,
95.6711

■ 57.8039, 63.3880,
99.6319

■ 30.3888, 31.5620,
94.9338

■ 66.6992, 72.3781,
100.8983

■ 27.7642, 27.4911,
94.2864

■ 76.8798, 82.3333,
102.2833

■ 26.1357, 24.6626,
93.8262

■ 88.3996, 93.2873,
103.7904

■ 94.2555, 99.6822,
104.7162

Harmonies

Analogous

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



38.0660, 48.1568, 85.9112



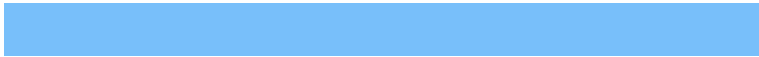
43.6318, 48.1568, 97.4380



50.3333, 48.1568, 94.8583

Triad

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



43.6318, 48.1568, 97.4380



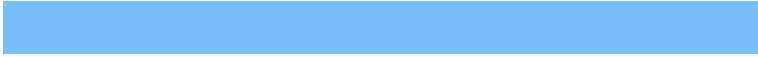
58.8512, 48.1568, 40.7721



36.6317, 48.1568, 32.3160

Complementary

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



43.6318, 48.1568, 97.4380



58.9361, 53.9221, 25.0729

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.



41.4942, 48.1568, 25.0285



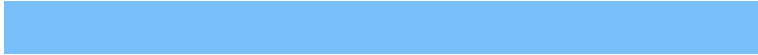
43.6318, 48.1568, 97.4380



54.4526, 48.1568, 29.0271

Square

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



43.6318, 48.1568, 97.4380



59.5651, 48.1568, 58.9105



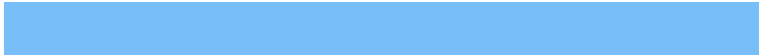
47.9802, 48.1568, 23.9914



34.2911, 48.1568, 46.4515

Rectangle

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



43.6318, 48.1568, 97.4380



54.5339, 48.1568, 85.6697



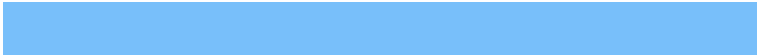
47.9802, 48.1568, 23.9914



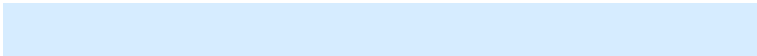
38.0021, 48.1568, 29.1446

Sweetspot

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



43.6334, 48.1586, 97.4392



75.9747, 81.8157, 106.3955



50.0190, 75.6000, 54.3411



15.7924, 17.0529, 22.7091



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.



43.6334, 48.1586, 97.4392



39.9535, 43.7247, 100.9417



32.5277, 25.9470, 93.7372



17.0687, 18.2143, 22.0014



14.0089, 13.3733, 49.8165



1.4034, 1.4505, 4.6492

Inverse Universe

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



55.5462, 37.5202, 53.6064



54.0784, 33.2201, 48.4963



75.0161, 86.0820, 30.4328



17.6412, 17.3838, 19.9664



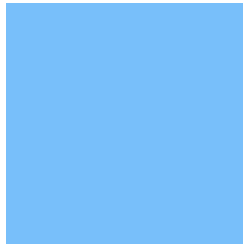
23.3631, 11.7609, 13.8862



2.2173, 1.1107, 1.5677

Previews

White Background



This preview shows how the XYZ color 43.6318, 48.1568, 97.4380 looks on a white background.

Color Contrast Check

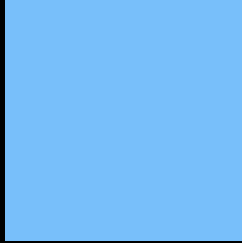
Large Text (above 18pt) WCAG AA × Fail

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 43.6318, 48.1568, 97.4380 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

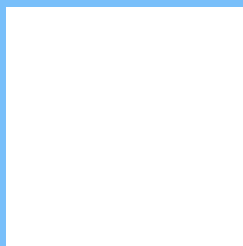
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6318, 48.1568, 97.4380

Background



This preview shows how black text looks on a background with the XYZ color 43.6318, 48.1568, 97.4380.



This preview shows how white text looks on a background with the XYZ color 43.6318, 48.1568,

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

43.6318, 48.1568, 97.4380

Protanopia

48.6379, 47.7343, 91.4442

Deuteranopia

48.9949, 47.7574, 98.7313



Tritanopia

38.3951, 48.3690, 70.9308

Trichromacy



Original Color

43.6318, 48.1568, 97.4380

Protanomaly

46.5612, 47.8358, 93.9680

Deuteranomaly

46.7942, 47.8660, 98.0395

Tritanomaly

40.0623, 48.0210, 79.8305

Monochromacy



Original Color

43.6318, 48.1568, 97.4380

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.3373, 44.8835, 63.6114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6318, 48.1568, 97.4380 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(120, 191, 250)` looks like.

```
.text, #text, p{  
    color:rgb(120, 191, 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(120, 191, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 191, 250) }
```

Border

The CSS property to change the border of an element to XYZ 43.6318, 48.1568, 97.4380 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(120, 191, 250) }
```


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

```
.border{ border-color:rgb(120, 191, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 191, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 191, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 191, 250);  
box-shadow:4px 4px 4px 4px rgb(120, 191,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6318, 48.1568, 97.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 191, 250) }
```

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

```
.background{ background-color: rgb(120,  
191, 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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