

Converting Colors

XYZ(44.6376, 56.4473, 94.1307)

Have a look what the booklet for
XYZ(44.6376, 56.4473, 94.1307)
contains.

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Color

**XYZ(44.6376, 56.4473,
94.1307)**

Conversions

Conversions Part 1

Format	Color
Hex	5DD5F4
RGB	93, 213, 244
RGB Percent	36%, 84%, 96%
CMY	0.6353, 0.1647, 0.0431
CMYK	0.62, 0.13, 0.00, 0.04
HSL	192°, 87%, 66%
HSV	192°, 62%, 96%
XYZ	44.6376, 56.4473, 94.1307
YIQ	180.6540, -81.4710, -15.7990

Conversions

Conversions Part 2

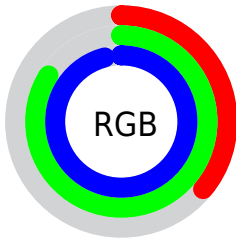
Format	Color
R_{YB}	93, 160, 244
Decimal	6149620
CIE _{Lab}	79.87, -24.57, -25.24
CIE _{LCh}	80, 35.225, 225.762
Yxy	56.4473, 0.2287, 0.2892
Android (android.graphics.Color)	4284339700 (0xFF5DD5F4)
YUV	180.6540, 31.2296, -76.8726
Hunter-Lab	75.1314, -25.4283, -21.6913

Details

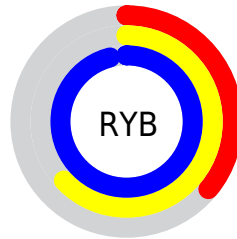
The XYZ color **44.6376, 56.4473, 94.1307** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **46.4933, 34.4408, 14.5552**, and the grayscale version is **43.6046, 45.8755, 49.9584**.

A 20% lighter version of the original color is **67.5203, 85.8079, 107.6116**, and **21.3040, 28.0846, 51.8750** is the 20% darker color. If you saturate the color by 10%, you get **41.3103, 52.8914, 93.6208**, and if you desaturate by 10%, it is **48.7951, 60.4912, 94.6932**.

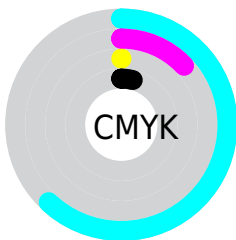
Distribution



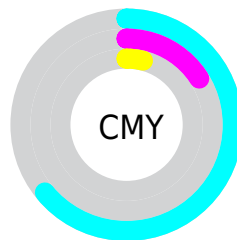
- Red (36%)
- Green (84%)
- Blue (96%)



- Red (36%)
- Yellow (63%)
- Blue (96%)



- Cyan (62%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (64%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6376, 56.4473, 94.1307 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 44.6376, 56.4473, 94.1307 by changing the saturation by 10% instead.

■ 44.6376, 56.4473,
94.1307

■ 44.6376, 56.4473,
94.1307

■ 356.1123,
411.3750, 562.2913

■ 31.3721, 40.5617,
70.8188

■ 81.4167, 99.6583,
155.0483

■ 21.0356, 27.9767,
51.7134

■ 105.6611,
127.7524, 193.4911

■ 13.2626, 18.3081,
36.3960

■ 134.2959,
160.6848, 237.8146

■ 7.6879, 11.1714,
24.4481

■ 167.6863,
198.8399, 288.4373

■ 3.9460, 6.1823,
15.4511

■ 206.1978,
242.6021, 345.7778

■ 1.6716, 2.9562,
8.9864

■ 250.1957,

■ 0.4384, 1.1089,

292.3557, 410.2546

4.6356

300.0454,
348.4853, 482.2863

■ 0.0000, 0.0000,
1.9801

■ 0.0000, 0.0000,
0.5430

■ 44.6376, 56.4473,
94.1307

■ 44.6376, 56.4473,
94.1307

■ 41.3103, 52.8914,
93.6208

■ 48.7951, 60.4912,
94.6932

■ 38.7293, 49.7764,
93.1556

■ 53.8453, 65.0525,
95.3074

■ 36.8024, 47.0553,
92.7319

■ 59.8509, 70.1651,
95.9777

■ 35.6008, 45.0747,
92.4129

■ 66.8672, 75.8580,
96.7068

74.9452, 82.1580,
97.4970

84.1324, 89.0900,
98.3508

91.1576, 94.9682,
99.1152

92.7189, 98.0910,
99.6356

93.3293, 99.3117,
99.8391

Harmonies

Analogous

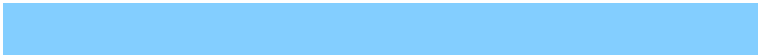
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.5007, 56.4473, 72.7653



44.6376, 56.4473, 94.1307



50.3472, 56.4473, 107.9575

Triad

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



44.6376, 56.4473, 94.1307



68.0794, 56.4473, 71.6411



50.0101, 56.4473, 30.8709

Complementary

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



44.6376, 56.4473, 94.1307



46.4933, 34.4408, 14.5552

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.



57.0972, 56.4473, 30.7002



44.6376, 56.4473, 94.1307



67.9687, 56.4473, 51.3935

Square

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



44.6376, 56.4473, 94.1307



64.0939, 56.4473, 93.1520



63.8038, 56.4473, 37.3889



44.4097, 56.4473, 37.9222

Rectangle

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



44.6376, 56.4473, 94.1307



55.0408, 56.4473, 109.4322



63.8038, 56.4473, 37.3889



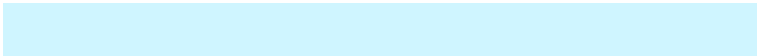
52.2857, 56.4473, 30.0697

Sweetspot

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



44.6394, 56.4494, 94.1321



76.3251, 85.7578, 107.1379



40.4543, 68.4650, 29.8898



15.8152, 17.9434, 22.8798



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.



44.6394, 56.4494, 94.1321



44.9397, 57.6341, 103.3637



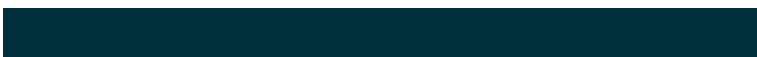
29.9769, 27.1243, 89.2446



16.6909, 18.1462, 21.1654



19.4585, 24.7107, 50.2821



1.7813, 2.3141, 4.4430

Inverse Universe

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



53.2344, 31.8678, 66.2982



55.6342, 30.1629, 68.0323



59.6401, 60.7343, 18.9374



17.0593, 16.7066, 20.0590



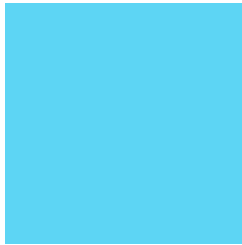
25.6262, 12.5939, 29.0699



2.2882, 1.1212, 2.7440

Previews

White Background



This preview shows how the XYZ color 44.6376, 56.4473, 94.1307 looks on a white background.

Color Contrast Check

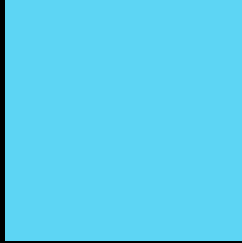
Large Text (above 18pt) WCAG AA × Fail

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 44.6376, 56.4473, 94.1307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

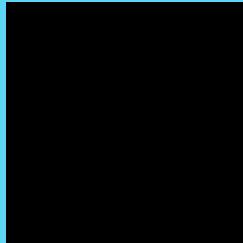
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.6376, 56.4473, 94.1307

Background



This preview shows how black text looks on a background with the XYZ color 44.6376, 56.4473, 94.1307.



This preview shows how white text looks on a background with the XYZ color 44.6376, 56.4473,

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

44.6376, 56.4473, 94.1307

Protanopia

55.0669, 55.6752, 84.1880

Deuteranopia

56.9995, 55.7361, 96.5609



Tritanopia

42.8904, 56.5018, 84.9893

Trichromacy



Original Color

44.6376, 56.4473, 94.1307

Protanomaly

49.5873, 55.1672, 87.3917

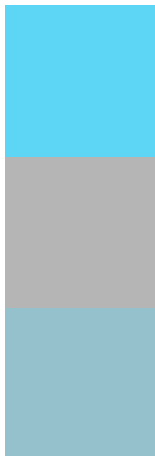
Deuteranomaly

50.7692, 54.8940, 95.9155

Tritanomaly

43.4033, 56.3229, 87.9407

Monochromacy



Original Color

44.6376, 56.4473, 94.1307

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.3635, 48.8891, 64.3305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6376, 56.4473, 94.1307 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(93, 213, 244)` looks like.

```
.text, #text, p{  
    color:rgb(93, 213, 244)  
}
```

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(93, 213, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 213, 244) }
```

Border

The CSS property to change the border of an element to XYZ 44.6376, 56.4473, 94.1307 is called "border". The border property can be set on classes, ids or directly on the HTML element.

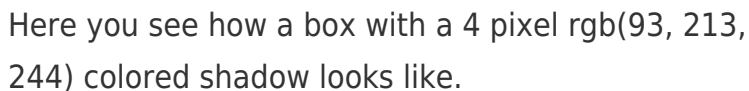
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 213, 244) }
```


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

```
.border{ border-color:rgb(93, 213, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(93, 213, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 213, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 213, 244);  
box-shadow:4px 4px 4px 4px rgb(93, 213,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6376, 56.4473, 94.1307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 213, 244) }
```

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

```
.background{ background-color: rgb(93, 213,  
244) }
```

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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