

Converting Colors

XYZ(40.8237, 53.2120, 93.3554)

Have a look what the booklet for
XYZ(40.8237, 53.2120, 93.3554)
contains.

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Color

**XYZ(41.0066, 53.4656,
93.7466)**

Conversions

Conversions Part 1

Format	Color
Hex	38D2F4
RGB	56, 210, 244
RGB Percent	22%, 82%, 96%
CMY	0.7803, 0.1765, 0.0431
CMYK	0.77, 0.14, 0.00, 0.04
HSL	191°, 90%, 59%
HSV	191°, 77%, 96%
XYZ	41.0066, 53.4656, 93.7466
YIQ	167.8300, -102.6980, -22.0740

Conversions

Conversions Part 2

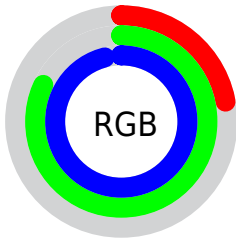
Format	Color
RYB	56, 141, 244
Decimal	3724020
CIELab	78.15, -28.00, -27.94
CIELCh	78, 39.558, 224.935
Yxy	53.4656, 0.2179, 0.2841
Android (android.graphics.Color)	4281914100 (0xFF38D2F4)
YUV	167.8300, 37.5518, -98.0749
Hunter-Lab	73.1202, -27.8555, -24.8310

Details

The XYZ color **41.0066, 53.4656, 93.7466** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **41.6801, 26.8335, 6.7259**, and the grayscale version is **36.9967, 38.9234, 42.3876**.

A 20% lighter version of the original color is **63.1701, 83.5653, 107.4080**, and **20.7984, 27.0735, 51.7065** is the 20% darker color. If you saturate the color by 10%, you get **38.8858, 50.7781, 93.3407**, and if you desaturate by 10%, it is **43.8247, 56.5592, 94.1962**.

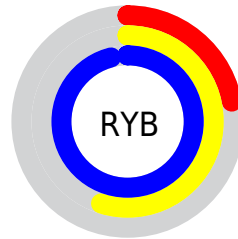
Distribution



Red (22%)

Green (82%)

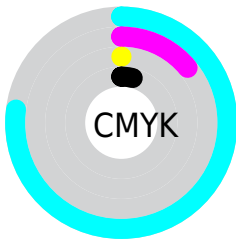
Blue (96%)



Red (22%)

Yellow (55%)

Blue (96%)

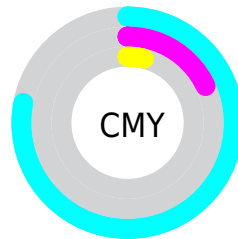


Cyan (77%)

Magenta (14%)

Yellow (0%)

Black (4%)



Cyan (78%)

Magenta (18%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0066, 53.4656, 93.7466 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 41.0066, 53.4656, 93.7466 by changing the saturation by 10% instead.

41.0066, 53.4656,
93.7466

41.0066, 53.4656,
93.7466

341.4103,
400.0689, 561.0260

28.5119, 38.1746,
70.5011

75.9686, 95.2891,
154.5125

18.8543, 26.1182,
51.4558

99.1666, 122.5905,
192.8699

11.6685, 16.9121,
36.1923

126.6631,
154.6640, 237.1018

6.5889, 10.1718,
24.2919

158.8234,
191.8942, 287.6266

3.2504, 5.5130,
15.3361

196.0129,
234.6653, 344.8629

1.2875, 2.5513,
8.9063

238.5970,

0.1739, 0.9023,

283.3619, 409.2292

4.5842

286.9410,
338.3683, 481.1441

■ 0.0000, 0.0000,
1.9510

■ 0.0000, 0.0000,
0.5249

■ 41.0066, 53.4656,
93.7466

■ 41.0066, 53.4656,
93.7466

■ 38.8858, 50.7781,
93.3407

■ 43.8247, 56.5592,
94.1962

■ 37.3476, 48.4342,
92.9693

■ 47.4202, 60.0975,
94.6897

■ 36.9541, 47.7812,
92.8640

■ 51.8676, 64.1203,
95.2318

■ 57.2311, 68.6610,
95.8255

63.5685, 73.7497,
96.4737

70.9330, 79.4142,
97.1789

79.3734, 85.6800,
97.9435

88.9359, 92.5712,
98.7696

91.6677, 95.9884,
99.2852

Harmonies

Analogous

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



37.7686, 53.4656, 69.8872



41.0066, 53.4656, 93.7466



47.0520, 53.4656, 109.7424

Triad

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



41.0066, 53.4656, 93.7466



66.5607, 53.4656, 69.9924



47.0828, 53.4656, 26.0153

Complementary

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



41.0066, 53.4656, 93.7466



41.6801, 26.8335, 6.7259

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.



54.7787, 53.4656, 26.0298



41.0066, 53.4656, 93.7466



66.5711, 53.4656, 47.9206

Square

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



41.0066, 53.4656, 93.7466



62.0530, 53.4656, 93.8403



62.0802, 53.4656, 33.0316



41.0272, 53.4656, 32.9849

Rectangle

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



41.0066, 53.4656, 93.7466



52.1066, 53.4656, 111.7458



62.0802, 53.4656, 33.0316



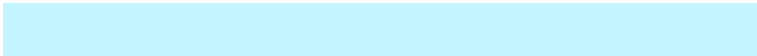
49.5497, 53.4656, 25.2742

Sweetspot

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



41.0084, 53.4675, 93.7479



73.3751, 83.9408, 106.9427



35.7173, 66.2371, 19.9936



15.0998, 17.4957, 22.8311



0.0000, 0.0000, 0.0000



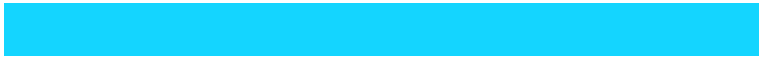
20.3446, 21.4041, 23.3091

Same Dimension

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



41.0084, 53.4675, 93.7479



42.0332, 54.7460, 102.9594



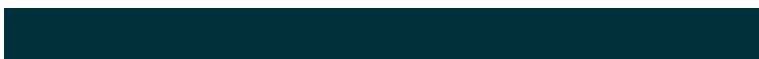
24.5195, 20.4898, 88.2516



16.7269, 18.2182, 21.1774



20.1858, 26.1654, 50.5245



1.8391, 2.4296, 4.4623

Inverse Universe

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



50.3568, 26.7164, 63.4773



53.4531, 26.5569, 64.9745



54.6158, 52.7048, 11.0377



17.0775, 16.7139, 20.1547



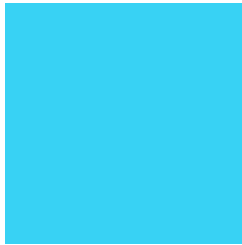
25.9934, 12.7408, 31.0031



2.3173, 1.1329, 2.8975

Previews

White Background



This preview shows how the XYZ color 41.0066, 53.4656, 93.7466 looks on a white background.

Color Contrast Check

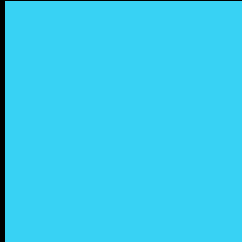
Large Text (above 18pt) WCAG AA × Fail

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 41.0066, 53.4656, 93.7466 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 41.0066, 53.4656, 93.7466

Background



This preview shows how black text looks on a background with the XYZ color 41.0066, 53.4656, 93.7466.

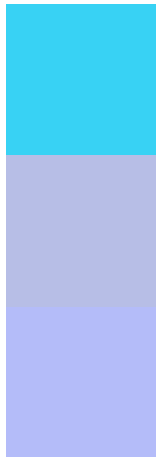


This preview shows how white text looks on a background with the XYZ color 41.0066, 53.4656,

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

41.0066, 53.4656, 93.7466

Protanopia

52.2248, 52.6074, 82.2646

Deuteranopia

53.9045, 52.5093, 96.9168



Tritanopia

38.7813, 53.2924, 83.1054

Trichromacy



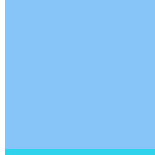
Original Color

41.0066, 53.4656, 93.7466



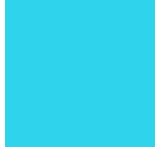
Protanomaly

45.2782, 51.2490, 86.1029



Deuteranomaly

46.5201, 51.3462, 95.4546



Tritanomaly

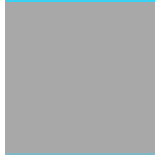
39.4620, 53.1910, 86.7843

Monochromacy



Original Color

41.0066, 53.4656, 93.7466



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

35.6497, 42.3645, 58.5228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0066, 53.4656, 93.7466 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(56, 210, 244)` looks like.

```
.text, #text, p{  
    color:rgb(56, 210, 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(56, 210, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 210, 244) }
```

Border

The CSS property to change the border of an element to XYZ 41.0066, 53.4656, 93.7466 is called "border". The border property can be set on classes, ids or directly on the HTML element.

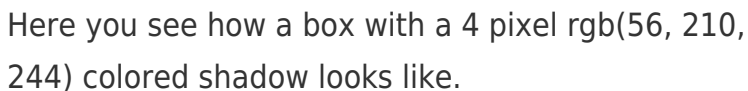
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(56, 210, 244) }
```


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

```
.border{ border-color:rgb(56, 210, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(56, 210, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(56, 210, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(56, 210, 244); box-shadow:4px 4px 4px 4px rgb(56, 210, 244) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0066, 53.4656, 93.7466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 210, 244) }
```

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

```
.background{ background-color: rgb(56, 210,  
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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