

Converting Colors

XYZ(36.2316, 45.5150, 95.1548)

Have a look what the booklet for
XYZ(36.2316, 45.5150, 95.1548)
contains.

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Color

**XYZ(36.0803, 45.2990,
94.8376)**

Conversions

Conversions Part 1

Format	Color
Hex	00C2F7
RGB	0, 194, 247
RGB Percent	0%, 76%, 97%
CMY	0.9997, 0.2392, 0.0314
CMYK	1.00, 0.21, 0.00, 0.03
HSL	193°, 100%, 48%
HSV	193°, 100%, 97%
XYZ	36.0803, 45.2990, 94.8376
YIQ	142.0360, -132.6370, -24.6450

Conversions

Conversions Part 2

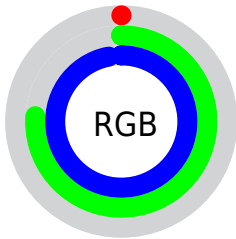
Format	Color
RYB	0, 109, 247
Decimal	49911
CIELab	73.09, -21.97, -37.40
CIELCh	73, 43.376, 239.570
Yxy	45.2990, 0.2047, 0.2571
Android (android.graphics.Color)	4278239991 (0xFF00C2F7)
YUV	142.0360, 51.7473, -124.5656
Hunter-Lab	67.3045, -22.0935, -36.4313

Details

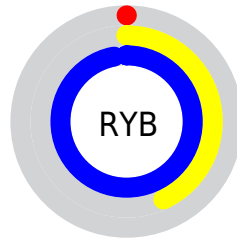
The XYZ color **36.0803, 45.2990, 94.8376** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light saturated cyan. A complement of this color would be **39.6349, 22.3271, 2.2226**, and the grayscale version is **25.5738, 26.9056, 29.3002**.

A 20% lighter version of the original color is **59.2293, 79.6591, 106.8618**, and **18.6723, 22.4739, 52.0690** is the 20% darker color. If you saturate the color by 10%, you get **36.0776, 45.2933, 94.8376**, and if you desaturate by 10%, it is **37.6774, 47.9060, 95.2576**.

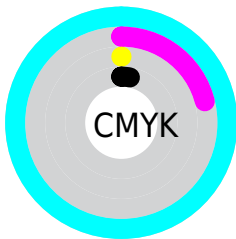
Distribution



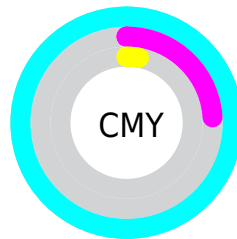
- Red (0%)
- Green (76%)
- Blue (97%)



- Red (0%)
- Yellow (43%)
- Blue (97%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (24%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0803, 45.2990, 94.8376 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 36.0803, 45.2990, 94.8376 by changing the saturation by 10% instead.

36.0803, 45.2990,
94.8376

36.0803, 45.2990,
94.8376

320.7365,
367.9832, 564.6160

24.6666, 31.6930,
71.4037

68.4790, 83.1689,
156.0339

15.9563, 21.1271,
52.1878

90.1948, 108.2016,
194.6333

9.5839, 13.2170,
36.7715

116.0753,
137.8120, 239.1250

5.1841, 7.5781,
24.7363

146.4860,
172.3845, 289.9274

2.3915, 3.8262,
15.6634

181.7920,
212.3035, 347.4592

0.8409, 1.5768,
9.1345

222.3589,

0.0000, 0.3419,

257.9533, 412.1389

4.7310

268.5519,
309.7184, 484.3850

■ 0.0000, 0.0000,
2.0344

■ 0.0000, 0.0000,
0.5763

■ 36.0803, 45.2990,
94.8376

■ 36.0803, 45.2990,
94.8376

■ 36.0776, 45.2933,
94.8376

■ 37.6774, 47.9060,
95.2576

■ 39.8152, 50.8542,
95.7139

■ 42.6495, 54.2252,
96.2152

■ 46.2737, 58.0678,
96.7659

■ 50.7662, 62.4229,
97.3697

■ 56.1956, 67.3267,
98.0301

■ 62.6234, 72.8112,
98.7499

■ 70.1058, 78.9061,
99.5320

■ 78.6945, 85.6387,
100.3789

Harmonies

Analogous

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



31.5713, 45.2990, 72.9508



36.0803, 45.2990, 94.8376



42.9460, 45.2990, 104.0173

Triad

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



36.0803, 45.2990, 94.8376



59.3553, 45.2990, 49.6371



36.2491, 45.2990, 21.1753

Complementary

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



36.0803, 45.2990, 94.8376



39.6349, 22.3271, 2.2226

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.



43.1649, 45.2990, 18.2272



36.0803, 45.2990, 94.8376



57.0329, 45.2990, 31.4424

Square

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



36.0803, 45.2990, 94.8376



56.9009, 45.2990, 73.6579



50.8759, 45.2990, 21.3543



31.6604, 45.2990, 31.0419

Rectangle

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



36.0803, 45.2990, 94.8376



48.1298, 45.2990, 100.0999



50.8759, 45.2990, 21.3543



38.3507, 45.2990, 19.4981

Sweetspot

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



36.0819, 45.3006, 94.8387



67.2689, 78.2320, 106.1626



33.8261, 66.7483, 14.0575



13.7455, 16.1956, 22.6515



0.0000, 0.0000, 0.0000



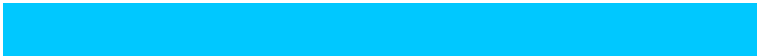
20.3446, 21.4041, 23.3091

Same Dimension

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



36.0819, 45.3006, 94.8387



38.7667, 48.6533, 101.9556



19.2484, 11.6336, 89.2276



16.6772, 18.1187, 21.1608



19.1881, 24.1699, 50.1920



1.7598, 2.2710, 4.4358

Inverse Universe

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



48.0968, 23.6711, 53.0743



51.6968, 25.4427, 56.9948



53.2872, 49.6318, 6.7734



17.0524, 16.7038, 20.0225



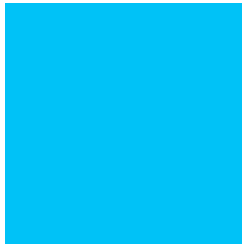
25.4898, 12.5393, 28.3512



2.2773, 1.1169, 2.6867

Previews

White Background



This preview shows how the XYZ color 36.0803, 45.2990, 94.8376 looks on a white background.

Color Contrast Check

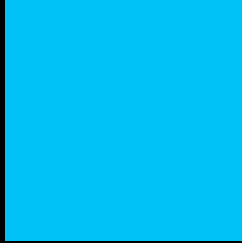
Large Text (above 18pt) WCAG AA × Fail

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 36.0803, 45.2990, 94.8376 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

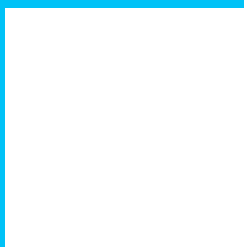
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0803, 45.2990, 94.8376

Background



This preview shows how black text looks on a background with the XYZ color 36.0803, 45.2990, 94.8376.



This preview shows how white text looks on a background with the XYZ color 36.0803, 45.2990,

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

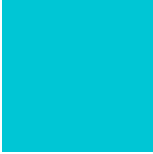
36.0803, 45.2990, 94.8376

Protanopia

45.3376, 44.7204, 83.3331

Deuteranopia

45.8868, 44.6911, 97.4745



Tritanopia

32.2043, 45.1923, 69.9764

Trichromacy



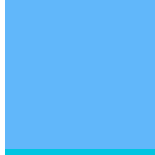
Original Color

36.0803, 45.2990, 94.8376



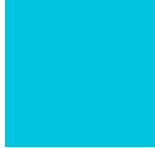
Protanomaly

38.0750, 42.9831, 87.1787



Deuteranomaly

39.1186, 43.3105, 96.7405



Tritanomaly

33.5569, 45.3687, 78.2226

Monochromacy



Original Color

36.0803, 45.2990, 94.8376



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

25.1995, 30.9587, 47.8275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0803, 45.2990, 94.8376 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(0, 194, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 247)  
}
```

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(0, 194, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 247) }
```

Border

The CSS property to change the border of an element to XYZ 36.0803, 45.2990, 94.8376 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(0, 194, 247) }
```


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

```
.border{ border-color:rgb(0, 194, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 194, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0803, 45.2990, 94.8376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 247) }
```

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

```
.background{ background-color: rgb(0, 194,  
247) }
```

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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