

Converting Colors

XYZ(49.5394, 69.5816,
105.4266)

Have a look what the booklet for
XYZ(49.5394, 69.5816, 105.4266)
contains.

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Color

**XYZ(49.6361, 69.7598,
105.4566)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 1AF0FF |
| RGB | 26, 240, 255 |
| RGB Percent | 10%, 94%, 100% |
| CMY | 0.8979, 0.0588, 0.0000 |
| CMYK | 0.90, 0.06, 0.00, 0.00 |
| HSL | 184°, 100%, 55% |
| HSV | 184°, 90%, 100% |
| XYZ | 49.6361, 69.7598, 105.4566 |
| YIQ | 177.7240, -132.3590, -40.7030 |

Conversions

Conversions Part 2

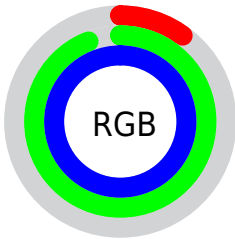
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 26, 137, 255 |
| Decimal | 1765631 |
| CIE Lab | 86.88, -40.80, -20.50 |
| CIE LCh | 87, 45.660, 206.681 |
| Yxy | 69.7598, 0.2207, 0.3102 |
| Android (android.graphics.Color) | 4279955711 (0xFF1AF0FF) |
| YUV | 177.7240, 38.0971, -133.0619 |
| Hunter-Lab | 83.5223, -40.0841, -16.3948 |

Details

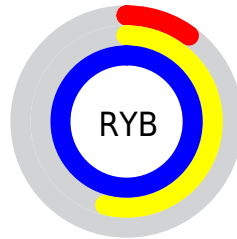
The XYZ color **49.6361, 69.7598, 105.4566** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **42.2210, 22.9230, 3.1788**, and the grayscale version is **42.0331, 44.2221, 48.1578**.

A 20% lighter version of the original color is **62.1222, 83.0251, 107.3590**, and **27.1265, 37.9442, 59.3203** is the 20% darker color. If you saturate the color by 10%, you get **48.7284, 68.5667, 105.2742**, and if you desaturate by 10%, it is **51.0975, 71.2480, 105.6669**.

Distribution



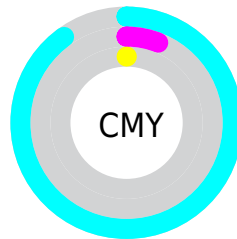
- Red (10%)
- Green (94%)
- Blue (100%)



- Red (10%)
- Yellow (54%)
- Blue (100%)



- Cyan (90%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.6361, 69.7598, 105.4566 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 49.6361, 69.7598, 105.4566 by changing the saturation by 10% instead.

49.6361, 69.7598,
105.4566

49.6361, 69.7598,
105.4566

375.7167,
459.7062, 598.9444

35.3410, 51.3307,
80.2231

88.8305, 118.8661,
170.7528

24.0934, 36.4719,
59.3747

114.4605,
150.3122, 211.6527

15.5280, 24.7989,
42.4929

144.5995,
186.8661, 258.6118

9.2795, 15.9273,
29.1590

179.6128,
228.9122, 312.0486

4.9825, 9.4727,
18.9545

219.8659,
276.8348, 372.3818

2.2717, 5.0508,
11.4609

265.7239,

0.7801, 2.2771,

331.0184, 440.0298

6.2597

317.5524,
391.8474, 515.4111

■ 0.0000, 0.7615,
2.9323

■ 0.0000, 0.0000,
1.0602

■ 49.6361, 69.7598,
105.4566

■ 49.6361, 69.7598,
105.4566

■ 48.7284, 68.5667,
105.2742

■ 51.0975, 71.2480,
105.6669

■ 48.7113, 68.5427,
105.2704

■ 53.2672, 73.1065,
105.9112

■ 56.2473, 75.3896,
106.1948

■ 60.1220, 78.1406,
106.5216

64.9651, 81.3977,
106.8950

70.8424, 85.1947,
107.3182

77.8141, 89.5628,
107.7938

85.9359, 94.5305,
108.3246

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



47.8873, 69.7598, 72.6109



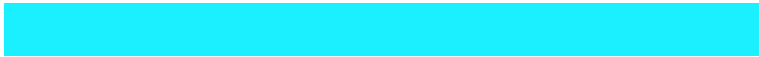
49.6361, 69.7598, 105.4566



55.6785, 69.7598, 136.2713

Triad

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



49.6361, 69.7598, 105.4566



84.9342, 69.7598, 112.9476



67.4975, 69.7598, 31.1573

Complementary

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



49.6361, 69.7598, 105.4566



42.2210, 22.9230, 3.1788

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.



78.2034, 69.7598, 36.7285



49.6361, 69.7598, 105.4566



88.9255, 69.7598, 79.4034

Square

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



49.6361, 69.7598, 105.4566



75.9330, 69.7598, 141.3472



86.3405, 69.7598, 52.5452



57.5266, 69.7598, 34.6758

Rectangle

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



49.6361, 69.7598, 105.4566



61.6973, 69.7598, 148.5278



86.3405, 69.7598, 52.5452



71.1358, 69.7598, 31.9812

Sweetspot

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



49.6380, 69.7623, 105.4570



72.6744, 86.3543, 107.4454



36.5286, 71.8768, 13.7389



15.0778, 18.1808, 22.9645



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.



49.6380, 69.7623, 105.4570



48.7113, 68.5427, 105.2704



26.3365, 23.1593, 97.6898



18.4470, 20.2656, 23.1893



25.4962, 35.9021, 55.0206



2.5120, 3.5546, 5.3670

Inverse Universe

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



57.3389, 28.2919, 84.8795



56.7164, 27.4506, 83.4278



52.6498, 43.7805, 6.6550



18.7383, 18.2786, 22.5049



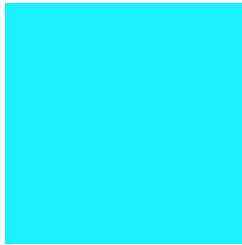
29.6575, 14.3523, 43.7085



2.9025, 1.4034, 4.3341

Previews

White Background



This preview shows how the XYZ color 49.6361, 69.7598, 105.4566 looks on a white background.

Color Contrast Check

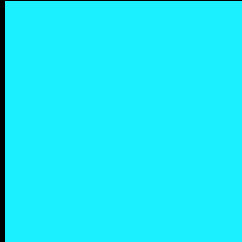
Large Text (above 18pt) WCAG AA × Fail

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 49.6361, 69.7598, 105.4566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

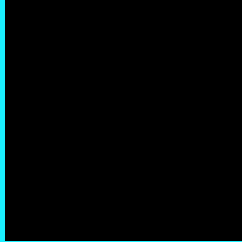
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.6361, 69.7598, 105.4566

Background



This preview shows how black text looks on a background with the XYZ color 49.6361, 69.7598, 105.4566.

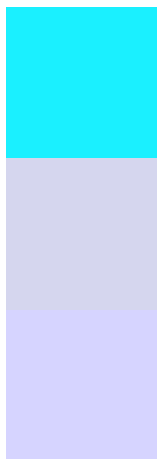


This preview shows how white text looks on a background with the XYZ color 49.6361, 69.7598,

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

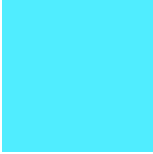
49.6361, 69.7598, 105.4566

Protanopia

66.9198, 68.4123, 90.5668

Deuteranopia

69.3250, 68.6031, 104.1956



Tritanopia

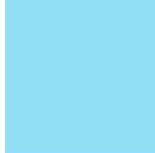
51.6425, 69.4938, 105.2996

Trichromacy



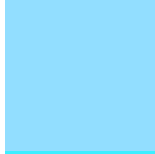
Original Color

49.6361, 69.7598, 105.4566



Protanomaly

54.3939, 65.3267, 95.3304



Deuteranomaly

56.0253, 65.5735, 104.3119



Tritanomaly

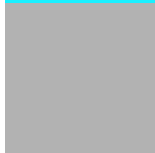
50.4880, 69.3297, 105.3287

Monochromacy



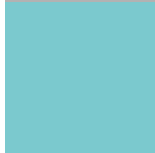
Original Color

49.6361, 69.7598, 105.4566



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

40.1956, 50.4405, 66.0100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6361, 69.7598, 105.4566 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(26, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 240, 255)  
}
```

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(26, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 240, 255) }
```

Border

The CSS property to change the border of an element to XYZ 49.6361, 69.7598, 105.4566 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(26, 240, 255) }
```


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

```
.border{ border-color:rgb(26, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 240,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6361, 69.7598, 105.4566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 240, 255) }
```

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

```
.background{ background-color: rgb(26, 240,  
255) }
```

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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