

Converting Colors

XYZ(49.0620, 69.4824,
104.5915)

Have a look what the booklet for
XYZ(49.0620, 69.4824, 104.5915)
contains.

XYZ(49.0620, 69.4824, 104.5915)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(49.0620, 69.4824,
104.5915)**

Conversions

Conversions Part 1

Format	Color
Hex	01F0FE
RGB	1, 240, 254
RGB Percent	0%, 94%, 100%
CMY	0.9958, 0.0588, 0.0039
CMYK	1.00, 0.06, 0.00, 0.00
HSL	183°, 99%, 50%
HSV	183°, 100%, 100%
XYZ	49.0620, 69.4824, 104.5915
YIQ	170.1350, -146.9380, -46.3140

Conversions

Conversions Part 2

Format	Color
RYB	1, 124, 254
Decimal	127230
CIELab	86.74, -41.77, -20.20
CIELCh	87, 46.394, 205.804
Yxy	69.4824, 0.2199, 0.3114
Android (android.graphics.Color)	4278317310 (0xFF01F0FE)
YUV	170.1350, 41.3454, -148.3314
Hunter-Lab	83.3561, -40.8111, -16.0452

Details

The XYZ color **49.0620, 69.4824, 104.5915** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **41.0514, 21.4172, 2.0012**, and the grayscale version is **38.1407, 40.1270, 43.6983**.

A 20% lighter version of the original color is **61.4177, 82.6619, 107.3260**, and **27.0115, 37.8982, 58.7147** is the 20% darker color. If you saturate the color by 10%, you get **49.0332, 69.4429, 104.5867**, and if you desaturate by 10%, it is **49.9044, 70.5349, 104.7516**.

Distribution



- Red (0%)
- Green (94%)
- Blue (100%)



- Red (0%)
- Yellow (49%)
- Blue (100%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (100%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0620, 69.4824, 104.5915 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 49.0620, 69.4824, 104.5915 by changing the saturation by 10% instead.


 49.0620, 69.4824,
104.5915


 49.0620, 69.4824,
104.5915


373.4993,
458.7305, 596.1872


 34.8834, 51.1047,
79.5024


 87.9837, 118.4703,
169.5595


 23.7392, 36.2919,
58.7852


 113.4575,
149.8493, 210.2755

 15.2639, 24.6597,
42.0214


 143.4271,
186.3309, 257.0375

 9.0924, 15.8237,
28.7923

 178.2578,
228.2993, 310.2641

 4.8591, 9.3995,
18.6796

218.3151,
276.1391, 370.3738

 2.1987, 5.0027,
11.2645

263.9641,

 0.7421, 2.2488,

330.2347, 437.7852

6.1286

315.5704,
390.9703, 512.9169

■ 0.0000, 0.7464,
2.8534

■ 0.0000, 0.0000,
1.0203

■ 49.0620, 69.4824,
104.5915

■ 49.0620, 69.4824,
104.5915

■ 49.0332, 69.4429,
104.5867

■ 49.9044, 70.5349,
104.7516

■ 51.2947, 71.8731,
104.9366

■ 53.3897, 73.5794,
105.1555

■ 56.2883, 75.7048,
105.4130

■ 60.0738, 78.2922,
105.7129

■ 64.8189, 81.3791,
106.0586

■ 70.5886, 84.9990,
106.4532

■ 77.4426, 89.1827,
106.8995

■ 85.4358, 93.9586,
107.4001

Harmonies

Analogous

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



47.4285, 69.4824, 71.3882



49.0620, 69.4824, 104.5915



55.0492, 69.4824, 136.2400

Triad

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



49.0620, 69.4824, 104.5915



84.7388, 69.4824, 114.2211



67.5712, 69.4824, 30.5082

Complementary

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



49.0620, 69.4824, 104.5915



41.0514, 21.4172, 2.0012

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.



78.4063, 69.4824, 36.3701



49.0620, 69.4824, 104.5915



88.9788, 69.4824, 80.0875

Square

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



49.0620, 69.4824, 104.5915



75.4940, 69.4824, 142.7793



86.5446, 69.4824, 52.6173



57.4119, 69.4824, 33.7659

Rectangle

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



49.0620, 69.4824, 104.5915



61.0806, 69.4824, 149.1516



86.5446, 69.4824, 52.6173



71.2628, 69.4824, 31.4209

Sweetspot

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



49.0642, 69.4849, 104.5932



70.9492, 85.5925, 107.3893



35.5331, 70.9225, 12.2223



14.6369, 17.9784, 22.9487



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.



49.0642, 69.4849, 104.5932



49.4719, 70.0637, 105.5240



24.0216, 19.3997, 96.2457



18.4637, 20.2990, 23.1949



25.8874, 36.6844, 55.1510



2.5458, 3.6223, 5.3783

Inverse Universe

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



56.6140, 27.3859, 84.7428



57.1003, 27.6041, 85.4492



50.2846, 39.8837, 5.0789



18.7467, 18.2820, 22.5492



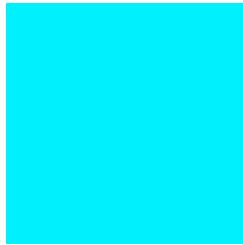
29.8550, 14.4313, 44.7482



2.9196, 1.4102, 4.4241

Previews

White Background



This preview shows how the XYZ color 49.0620, 69.4824, 104.5915 looks on a white background.

Color Contrast Check

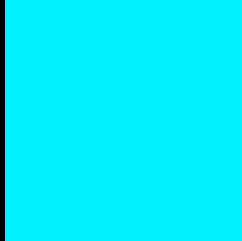
Large Text (above 18pt) WCAG AA × Fail

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 49.0620, 69.4824, 104.5915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

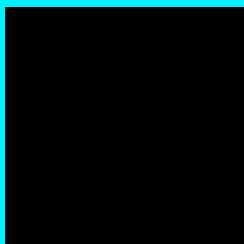
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.0620, 69.4824, 104.5915

Background



This preview shows how black text looks on a background with the XYZ color 49.0620, 69.4824, 104.5915.

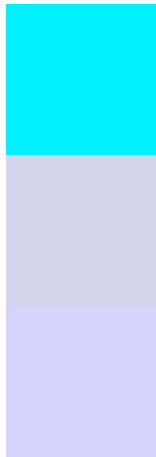


This preview shows how white text looks on a background with the XYZ color 49.0620, 69.4824,

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

49.0620, 69.4824, 104.5915

Protanopia

66.7732, 68.3537, 89.7950

Deuteranopia

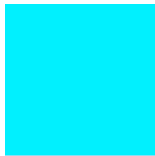
69.0758, 68.1047, 104.1126



Tritanopia

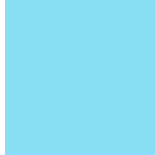
51.3147, 69.3249, 105.2842

Trichromacy



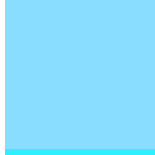
Original Color

49.0620, 69.4824, 104.5915



Protanomaly

52.7187, 64.4807, 94.4615



Deuteranomaly

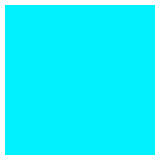
54.4878, 64.7809, 104.2399



Tritanomaly

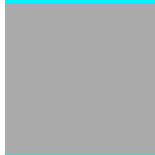
49.8912, 69.0220, 105.3008

Monochromacy



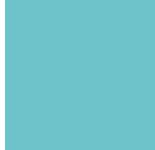
Original Color

49.0620, 69.4824, 104.5915



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

36.3644, 46.4985, 62.3168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0620, 69.4824, 104.5915 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(1, 240, 254)` looks like.

```
.text, #text, p{  
    color:rgb(1, 240, 254)  
}
```

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(1, 240, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 240, 254) }
```

Border

The CSS property to change the border of an element to XYZ 49.0620, 69.4824, 104.5915 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(1, 240, 254) }
```


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

```
.border{ border-color:rgb(1, 240, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 240, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 240, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 240, 254);  
box-shadow:4px 4px 4px 4px rgb(1, 240,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0620, 69.4824, 104.5915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 240, 254) }
```

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

```
.background{ background-color: rgb(1, 240,  
254) }
```

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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