

Converting Colors

XYZ(47.5093, 69.5263, 94.4258)

Have a look what the booklet for
XYZ(47.5093, 69.5263, 94.4258)
contains.

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Color

**XYZ(47.3325, 69.2615,
94.0932)**

Conversions

Conversions Part 1

Format	Color
Hex	00F1F1
RGB	0, 241, 241
RGB Percent	0%, 95%, 95%
CMY	0.9997, 0.0549, 0.0549
CMYK	1.00, 0.00, 0.00, 0.05
HSL	180°, 100%, 47%
HSV	180°, 100%, 95%
XYZ	47.3325, 69.2615, 94.0932
YIQ	168.9410, -143.6360, -51.0920

Conversions

Conversions Part 2

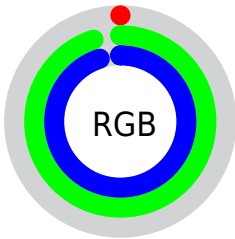
Format	Color
RYB	0, 121, 241
Decimal	61937
CIELab	86.63, -46.07, -13.55
CIELCh	87, 48.018, 196.386
Yxy	69.2615, 0.2247, 0.3287
Android (android.graphics.Color)	4278252017 (0xFF00F1F1)
YUV	168.9410, 35.5251, -148.1613
Hunter-Lab	83.2235, -44.1211, -8.7773

Details

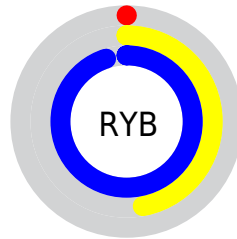
The XYZ color **47.3325, 69.2615, 94.0932** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **36.2779, 18.7030, 1.7000**, and the grayscale version is **37.5745, 39.5313, 43.0496**.

A 20% lighter version of the original color is **61.1461, 82.5219, 107.3133**, and **25.8974, 37.7838, 51.8270** is the 20% darker color. If you saturate the color by 10%, you get **47.3338, 69.2636, 94.0948**, and if you desaturate by 10%, it is **47.7145, 69.4599, 94.1128**.

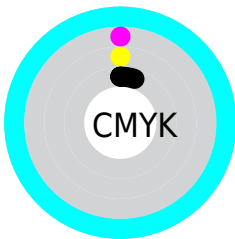
Distribution



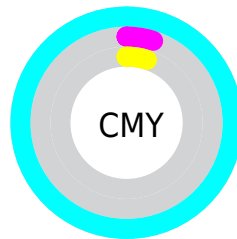
- Red (0%)
- Green (95%)
- Blue (95%)



- Red (0%)
- Yellow (47%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)





- Cyan (100%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3325, 69.2615, 94.0932 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 47.3325, 69.2615, 94.0932 by changing the saturation by 10% instead.


 47.3325, 69.2615,
94.0932


 47.3325, 69.2615,
94.0932


366.7670,
457.9527, 562.1679

 33.5076, 50.9247,
70.7878


 85.4255, 118.1550,
154.9960


 22.6767, 36.1487,
51.6882

 110.4243,
149.4805, 193.4305


 14.4743, 24.5491,
36.3761

 139.8784,
185.9043, 237.7450

 8.5352, 15.7414,
24.4328

 174.1533,
227.8109, 288.3582

 4.4940, 9.3414,
15.4398

 213.6142,
275.5847, 345.6885

 1.9852, 4.9645,
8.9786

258.6266,

 0.6256, 2.2264,

329.6100, 410.1545

4.6306

309.5557,
390.2712, 482.1748

■ 0.0000, 0.7344,
1.9773

■ 0.0000, 0.0000,
0.5413

■ 47.3325, 69.2615,
94.0932

■ 47.3325, 69.2615,
94.0932

■ 47.3338, 69.2636,
94.0948

■ 47.7145, 69.4599,
94.1128

■ 48.5654, 69.8986,
94.1528

■ 50.0339, 70.6556,
94.2216

■ 52.2072, 71.7760,
94.3235

■ 55.1588, 73.2976,
94.4618

■ 58.9529, 75.2535,
94.6395

■ 63.6468, 77.6733,
94.8593

■ 69.2933, 80.5842,
95.1237

■ 75.9406, 84.0110,
95.4349

Harmonies

Analogous

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



47.1174, 69.2615, 61.8671



47.3325, 69.2615, 94.0932



52.1237, 69.2615, 129.1669

Triad

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



47.3325, 69.2615, 94.0932



82.6027, 69.2615, 126.1833



71.0066, 69.2615, 30.0994

Complementary

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



47.3325, 69.2615, 94.0932



36.2779, 18.7030, 1.7000

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.



81.7524, 69.2615, 39.1262



47.3325, 69.2615, 94.0932



88.9403, 69.2615, 90.8068

Square

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



47.3325, 69.2615, 94.0932



72.0655, 69.2615, 150.9767



88.6126, 69.2615, 59.3865



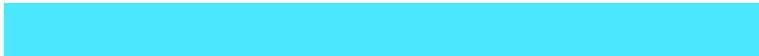
59.9668, 69.2615, 30.5181

Rectangle

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



47.3325, 69.2615, 94.0932



57.6121, 69.2615, 146.8112



88.6126, 69.2615, 59.3865



74.7965, 69.2615, 31.9892

Sweetspot

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



47.3346, 69.2641, 94.0949



72.2849, 88.2642, 107.8341



31.5078, 62.9392, 10.4898



14.9625, 18.6295, 23.0571



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.



47.3346, 69.2641, 94.0949



53.8097, 78.7399, 106.9683



23.1555, 20.9054, 86.0365



16.2474, 17.9290, 20.3259



25.6672, 37.5589, 51.0239



2.1353, 3.1245, 4.2447

Inverse Universe

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



36.2779, 18.7030, 1.7000



41.2400, 21.2600, 1.9301



42.5827, 31.3125, 3.8015



15.7729, 15.7589, 16.3602



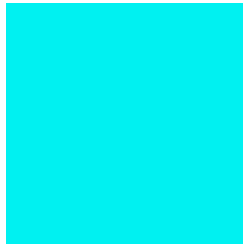
19.6715, 10.1410, 0.9207



1.6365, 0.8436, 0.0766

Previews

White Background



This preview shows how the XYZ color 47.3325, 69.2615, 94.0932 looks on a white background.

Color Contrast Check

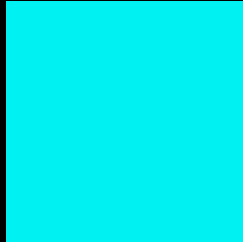
Large Text (above 18pt) WCAG AA × Fail

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 47.3325, 69.2615, 94.0932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

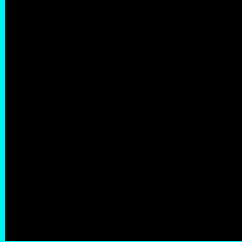
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3325, 69.2615, 94.0932

Background



This preview shows how black text looks on a background with the XYZ color 47.3325, 69.2615, 94.0932.

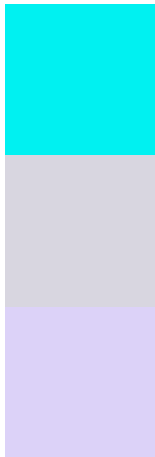


This preview shows how white text looks on a background with the XYZ color 47.3325, 69.2615,

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

47.3325, 69.2615, 94.0932

Protanopia

65.8200, 68.0739, 80.1915

Deuteranopia

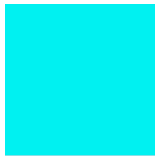
69.5051, 68.0861, 98.2856



Tritanopia

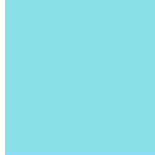
51.3147, 69.3249, 105.2842

Trichromacy



Original Color

47.3325, 69.2615, 94.0932



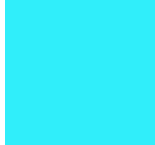
Protanomaly

51.2551, 64.3428, 84.5809



Deuteranomaly

53.1531, 63.8809, 95.9150



Tritanomaly

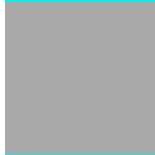
49.0488, 68.6796, 101.1138

Monochromacy



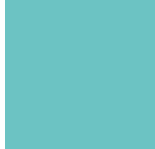
Original Color

47.3325, 69.2615, 94.0932



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

35.5498, 46.1585, 58.6656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3325, 69.2615, 94.0932 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, 241, 241)` looks like.

```
.text, #text, p{  
    color:rgb(0, 241, 241)  
}
```

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, 241, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 241, 241) }
```

Border

The CSS property to change the border of an element to XYZ 47.3325, 69.2615, 94.0932 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, 241, 241) }
```


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

```
.border{ border-color:rgb(0, 241, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 241, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 241, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 241, 241);  
box-shadow:4px 4px 4px 4px rgb(0, 241,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3325, 69.2615, 94.0932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 241, 241) }
```

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

```
.background{ background-color: rgb(0, 241,  
241) }
```

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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