

Converting Colors

XYZ(21.3045, 13.6258, 96.1149)

Have a look what the booklet for
XYZ(21.3045, 13.6258, 96.1149)
contains.

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Color

**XYZ(21.2954, 13.5994,
96.1103)**

Conversions

Conversions Part 1

Format	Color
Hex	0654FF
RGB	6, 84, 255
RGB Percent	2%, 33%, 100%
CMY	0.9762, 0.6706, 0.0000
CMYK	0.98, 0.67, 0.00, 0.00
HSL	221°, 100%, 51%
HSV	221°, 98%, 100%
XYZ	21.2954, 13.5994, 96.1103
YIQ	80.1720, -101.3790, 36.6450

Conversions

Conversions Part 2

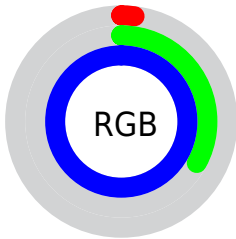
Format	Color
RYB	6, 65, 255
Decimal	414975
CIELab	43.65, 46.56, -89.00
CIELCh	44, 100.444, 297.614
Yxy	13.5994, 0.1626, 0.1038
Android (android.graphics.Color)	4278605055 (0xFF0654FF)
YUV	80.1720, 86.1902, -65.0488
Hunter-Lab	36.8774, 38.5422, -128.7083

Details

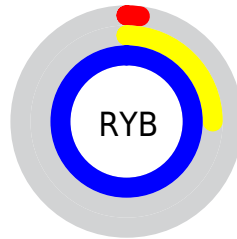
The XYZ color **21.2954, 13.5994, 96.1103** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **57.0098, 52.7464, 7.3507**, and the grayscale version is **7.5145, 7.9059, 8.6095**.

A 20% lighter version of the original color is **33.6400, 27.7081, 98.1829**, and **10.8368, 5.5488, 53.3232** is the 20% darker color. If you saturate the color by 10%, you get **20.9061, 12.9321, 96.0020**, and if you desaturate by 10%, it is **23.3363, 16.9281, 96.6452**.

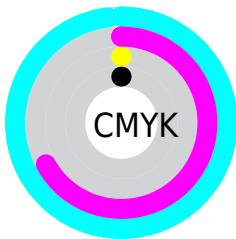
Distribution



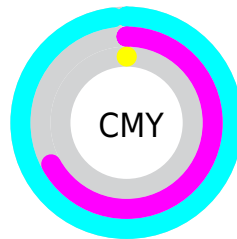
- Red (2%)
- Green (33%)
- Blue (100%)



- Red (2%)
- Yellow (25%)
- Blue (100%)



- Cyan (98%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (98%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2954, 13.5994, 96.1103 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 21.2954, 13.5994, 96.1103 by changing the saturation by 10% instead.

■ 21.2954, 13.5994,
96.1103

■ 21.2954, 13.5994,
96.1103

251.5463,
214.7242, 568.7883

■ 13.4538, 7.8426,
72.4574

■ 45.0662, 32.3765,
157.8064

■ 7.8209, 3.9944,
53.0433

■ 61.7262, 46.1656,
196.6867

■ 4.0314, 1.6704,
37.4494

■ 82.0562, 63.4009,
241.4799

■ 1.7199, 0.4044,
25.2571

■ 106.4218, 84.4668,
292.6045

■ 0.4687, 0.0000,
16.0480

■ 135.1883,
109.7477, 350.4792

■ 0.0000, 0.0000,
9.4034

168.7209,

■ 0.0000, 0.0000,

139.6279, 415.5223

4.9048

207.3852,
174.4920, 488.1525

■ 0.0000, 0.0000,
2.1338

■ 0.0000, 0.0000,
0.6358

■ 21.2954, 13.5994,
96.1103

■ 21.2954, 13.5994,
96.1103

■ 20.9061, 12.9321,
96.0020

■ 23.3363, 16.9281,
96.6452

■ 26.3422, 21.2934,
97.3294

■ 30.4614, 26.8032,
98.1758

■ 35.8097, 33.5461,
99.1954

■ 42.4869, 41.6003,
100.3981

■ 50.5817, 51.0372,
101.7930

■ 60.1749, 61.9223,
103.3884

■ 71.3409, 74.3167,
105.1922

■ 84.1490, 88.2777,
107.2119

Harmonies

Analogous

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



12.3055, 13.5994, 114.2051



21.2954, 13.5994, 96.1103



30.4018, 13.5994, 52.3184

Triad

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



21.2954, 13.5994, 96.1103



22.8555, 13.5994, 0.0000



2.9295, 13.5994, 13.0740

Complementary

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



21.2954, 13.5994, 96.1103



57.0098, 52.7464, 7.3507

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.



3.8896, 13.5994, 1.6062



21.2954, 13.5994, 96.1103



13.5667, 13.5994, 0.0000

Square

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



21.2954, 13.5994, 96.1103



31.5307, 13.5994, 2.4278



7.0990, 13.5994, 0.0000



3.6133, 13.5994, 45.3928

Rectangle

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



21.2954, 13.5994, 96.1103



34.0848, 13.5994, 26.1981



7.0990, 13.5994, 0.0000



3.0575, 13.5994, 7.3152

Sweetspot

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



21.2962, 13.5996, 96.1103



58.7582, 60.3307, 103.1558



43.6896, 74.7006, 53.2799



11.6801, 11.8994, 21.9312



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.



21.2962, 13.5996, 96.1103



20.9061, 12.9321, 96.0020



19.5171, 8.0741, 95.1375



17.4669, 18.3055, 22.8627



11.0406, 6.9908, 50.2020



1.1677, 0.8661, 4.9189

Inverse Universe

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



42.9061, 22.0319, 10.3784



42.6816, 21.8366, 9.5214



62.1906, 85.1416, 13.3305



18.2436, 18.0807, 19.8998



22.3610, 11.4337, 5.2854



2.2240, 1.1320, 0.7611

Previews

White Background



This preview shows how the XYZ color 21.2954, 13.5994, 96.1103 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 21.2954, 13.5994, 96.1103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

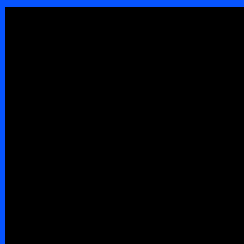
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.2954, 13.5994, 96.1103

Background



This preview shows how black text looks on a background with the XYZ color 21.2954, 13.5994, 96.1103.



This preview shows how white text looks on a background with the XYZ color 21.2954, 13.5994,

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

21.2954, 13.5994, 96.1103

Protanopia

15.8470, 13.4777, 61.4407

Deuteranopia

12.9874, 13.2775, 43.4733



Tritanopia

9.4075, 13.3907, 19.8581

Trichromacy



Original Color

21.2954, 13.5994, 96.1103

Protanomaly

17.6183, 13.4546, 72.9026

Deuteranomaly

15.3192, 12.9701, 59.4537

Tritanomaly

12.0367, 12.5780, 39.3295

Monochromacy



Original Color

21.2954, 13.5994, 96.1103

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

9.4447, 8.6554, 27.5584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2954, 13.5994, 96.1103 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(6, 84, 255)` looks like.

```
.text, #text, p{  
    color:rgb(6, 84, 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(6, 84, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 84, 255) }
```

Border

The CSS property to change the border of an element to XYZ 21.2954, 13.5994, 96.1103 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(6, 84, 255) }
```


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

```
.border{ border-color:rgb(6, 84, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 84, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 84, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 84, 255);  
box-shadow:4px 4px 4px 4px rgb(6, 84, 255)  
}
```

Background

The CSS property to change the background color of an element to XYZ 21.2954, 13.5994, 96.1103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 84, 255) }
```

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

```
.background{ background-color: rgb(6, 84,  
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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