

Converting Colors

XYZ(42.1482, 43.9654, 95.9314)

Have a look what the booklet for
XYZ(42.1482, 43.9654, 95.9314)
contains.

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Color

**XYZ(42.1725, 43.9941,
95.8915)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB4F9
RGB	127, 180, 249
RGB Percent	50%, 71%, 98%
CMY	0.5019, 0.2941, 0.0235
CMYK	0.49, 0.28, 0.00, 0.02
HSL	214°, 91%, 74%
HSV	214°, 49%, 98%
XYZ	42.1725, 43.9941, 95.8915
YIQ	172.0190, -53.7370, 10.2230

Conversions

Conversions Part 2

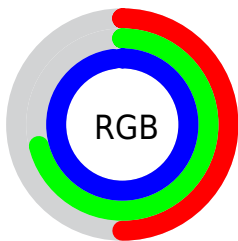
Format	Color
RYB	127, 164, 249
Decimal	8369401
CIELab	72.22, 1.08, -39.60
CIElCh	72, 39.610, 271.563
Yxy	43.9941, 0.2316, 0.2416
Android (android.graphics.Color)	4286559481 (0xFF7FB4F9)
YUV	172.0190, 37.9516, -39.4817
Hunter-Lab	66.3280, -2.5808, -39.2868

Details

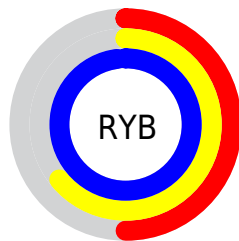
The XYZ color **42.1725, 43.9941, 95.8915** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.6391, 61.1538, 28.5829**, and the grayscale version is **39.0572, 41.0912, 44.7484**.

A 20% lighter version of the original color is **68.0530, 77.5252, 105.9848**, and **19.6175, 20.4731, 52.7869** is the 20% darker color. If you saturate the color by 10%, you get **36.2121, 36.9139, 94.8399**, and if you desaturate by 10%, it is **49.3411, 52.1277, 97.0844**.

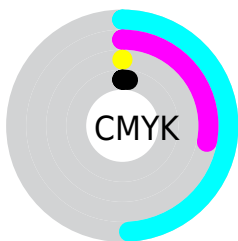
Distribution



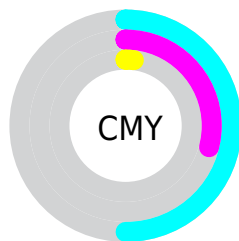
- Red (50%)
- Green (71%)
- Blue (98%)



- Red (50%)
- Yellow (64%)
- Blue (98%)



- Cyan (49%)
- Magenta (28%)
- Yellow (0%)
- Black (2%)



- Cyan (50%)
- Magenta (29%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1725, 43.9941, 95.8915 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 42.1725, 43.9941, 95.8915 by changing the saturation by 10% instead.

■ 42.1725, 43.9941,
95.8915

■ 42.1725, 43.9941,
95.8915

346.1770,
362.6842, 568.0722

■ 29.4281, 30.6659,
72.2762

■ 77.7242, 81.2089,
157.5018

■ 19.5508, 20.3446,
52.8961

■ 101.2621,
105.8642, 196.3340

■ 12.1753, 12.6457,
37.3327

■ 129.1286,
135.0640, 241.0754

■ 6.9362, 7.1851,
25.1674

161.6890,
169.1927, 292.1448

■ 3.4682, 3.5781,
15.9817

199.3087,
208.6347, 349.9607

■ 1.4059, 1.4405,
9.3570

242.3531,

■ 0.2604, 0.2463,

253.7743, 414.9415

4.8748

291.1874,
304.9960, 487.5058

■ 0.0000, 0.0000,
2.1165

■ 0.0000, 0.0000,
0.6256

■ 42.1725, 43.9941,
95.8915

■ 42.1725, 43.9941,
95.8915

■ 36.2121, 36.9139,
94.8399

■ 49.3411, 52.1277,
97.0844

■ 31.3780, 30.8295,
93.9203

■ 57.7833, 61.3580,
98.4211

■ 27.5842, 25.6842,
93.1271

■ 67.5647, 71.7315,
99.9079

■ 24.7283, 21.4112,
92.4528

■ 78.7452, 83.2903,
101.5497

■ 22.6620, 17.9189,
91.8876

■ 91.3807, 96.0740,
103.3512

■ 22.4797, 17.6009,
91.8359

■ 94.0990, 99.6196,
103.8923

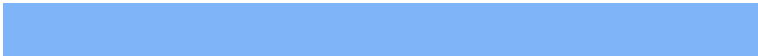
Harmonies

Analogous

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



35.8965, 43.9941, 88.9181



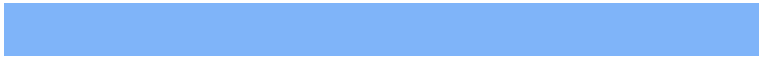
42.1725, 43.9941, 95.8915



49.0342, 43.9941, 87.3853

Triad

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



42.1725, 43.9941, 95.8915



53.9658, 43.9941, 30.8630



31.3455, 43.9941, 32.2008

Complementary

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



42.1725, 43.9941, 95.8915



62.6391, 61.1538, 28.5829

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.



35.3418, 43.9941, 22.5682



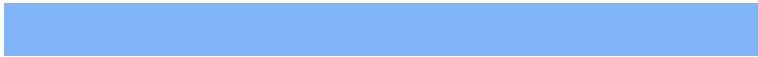
42.1725, 43.9941, 95.8915



48.3509, 43.9941, 21.9558

Square

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



42.1725, 43.9941, 95.8915



56.2838, 43.9941, 46.8886



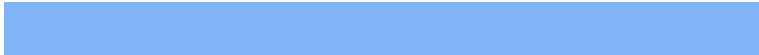
41.4597, 43.9941, 19.3872



30.0663, 43.9941, 48.9301

Rectangle

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



42.1725, 43.9941, 95.8915



52.9076, 43.9941, 75.1341



41.4597, 43.9941, 19.3872



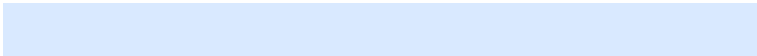
32.3926, 43.9941, 28.2017

Sweetspot

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



42.1740, 43.9957, 95.8926



75.8338, 80.4191, 106.1333



52.3783, 76.1641, 63.0401



15.7126, 16.6737, 22.6402



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.



42.1740, 43.9957, 95.8926



38.1806, 38.9113, 100.1060



34.3785, 27.0148, 93.0258



16.9033, 17.8834, 21.9462



12.1682, 9.6920, 49.2030



1.2302, 1.1041, 4.5915

Inverse Universe

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



54.8958, 38.6154, 47.7417



53.4929, 34.1705, 41.7611



74.6352, 88.3215, 33.1945



17.5577, 17.3504, 19.5267



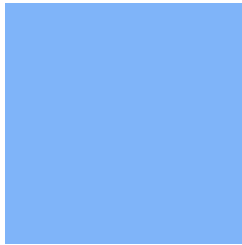
22.4340, 11.3893, 8.9937



2.1299, 1.0757, 1.1074

Previews

White Background



This preview shows how the XYZ color 42.1725, 43.9941, 95.8915 looks on a white background.

Color Contrast Check

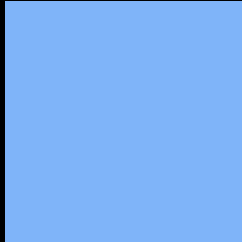
Large Text (above 18pt) WCAG AA × Fail

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 42.1725, 43.9941, 95.8915 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

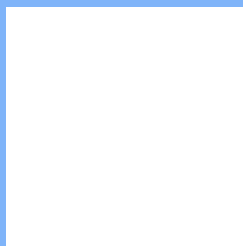
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1725, 43.9941, 95.8915

Background



This preview shows how black text looks on a background with the XYZ color 42.1725, 43.9941, 95.8915.



This preview shows how white text looks on a background with the XYZ color 42.1725, 43.9941,

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

42.1725, 43.9941, 95.8915

Protanopia

44.9828, 43.7723, 91.6660

Deuteranopia

44.9797, 43.9516, 96.5553



Tritanopia

35.9067, 44.2655, 63.7784

Trichromacy



Original Color

42.1725, 43.9941, 95.8915

Protanomaly

43.8369, 43.7242, 93.3179

Deuteranomaly

43.9620, 44.0091, 96.6200

Tritanomaly

37.9484, 44.1367, 74.2293

Monochromacy



Original Color

42.1725, 43.9941, 95.8915

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.4656, 41.8980, 60.6506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1725, 43.9941, 95.8915 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(127, 180, 249)` looks like.

```
.text, #text, p{  
    color:rgb(127, 180, 249)  
}
```

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(127, 180, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 180, 249) }
```

Border

The CSS property to change the border of an element to XYZ 42.1725, 43.9941, 95.8915 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(127, 180, 249) }
```


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

```
.border{ border-color:rgb(127, 180, 249) }
```

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

Here you see how a box with a 4 pixel rgb(127, 180, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 180, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 180, 249);  
box-shadow:4px 4px 4px 4px rgb(127, 180,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1725, 43.9941, 95.8915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 180, 249) }
```

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

```
.background{ background-color: rgb(127,  
180, 249) }
```

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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