

Converting Colors

XYZ(42.5985, 42.3038, 91.5088)

Have a look what the booklet for
XYZ(42.5985, 42.3038, 91.5088)
contains.

XYZ(42.6004, 42.2584, 91.4994)	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(42.6004, 42.2584,
91.4994)**

Conversions

Conversions Part 1

Format	Color
Hex	8FADF4
RGB	143, 173, 244
RGB Percent	56%, 68%, 96%
CMY	0.4392, 0.3216, 0.0431
CMYK	0.41, 0.29, 0.00, 0.04
HSL	222°, 82%, 76%
HSV	222°, 41%, 96%
XYZ	42.6004, 42.2584, 91.4994
YIQ	172.1240, -40.6710, 15.7210

Conversions

Conversions Part 2

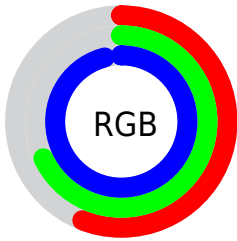
Format	Color
RYB	143, 166, 244
Decimal	9416180
CIELab	71.05, 7.43, -38.65
CIELCh	71, 39.358, 280.888
Yxy	42.2584, 0.2416, 0.2396
Android (android.graphics.Color)	4287606260 (0xFF8FADF4)
YUV	172.1240, 35.4349, -25.5417
Hunter-Lab	65.0065, 3.2143, -37.9487

Details

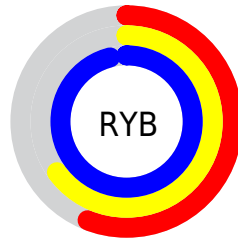
The XYZ color **42.6004, 42.2584, 91.4994** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **66.3141, 69.3111, 35.8717**, and the grayscale version is **39.1177, 41.1549, 44.8177**.

A 20% lighter version of the original color is **69.6128, 74.9862, 105.4125**, and **19.7375, 19.2888, 49.6965** is the 20% darker color. If you saturate the color by 10%, you get **35.7462, 34.1524, 90.2968**, and if you desaturate by 10%, it is **50.7984, 51.6857, 92.8877**.

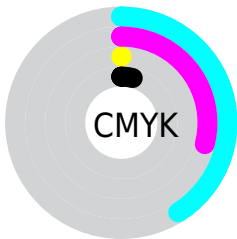
Distribution



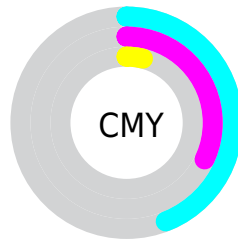
- Red (56%)
- Green (68%)
- Blue (96%)



- Red (56%)
- Yellow (65%)
- Blue (96%)



- Cyan (41%)
- Magenta (29%)
- Yellow (0%)
- Black (4%)



- Cyan (44%)
- Magenta (32%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6004, 42.2584, 91.4994 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 42.6004, 42.2584, 91.4994 by changing the saturation by 10% instead.

■ 42.6004, 42.2584,
91.4994

■ 42.6004, 42.2584,
91.4994

347.9153,
355.5530, 553.5918

■ 29.7649, 29.3037,
68.6442

■ 78.3670, 78.5906,
151.3730

■ 19.8074, 19.3107,
49.9520

■ 102.0287,
102.7368, 189.2286

■ 12.3625, 11.8950,
35.0044

130.0300,
131.3823, 232.9213

■ 7.0650, 6.6722,
23.3827

162.7360,
164.9115, 282.8698

■ 3.5495, 3.2580,
14.6684

200.5122,
203.7088, 339.4925

■ 1.4506, 1.2678,
8.4429

243.7239,

■ 0.2918, 0.1161,

248.1585, 403.2081

4.2879

292.7364,
298.6451, 474.4350

■ 0.0000, 0.0000,
1.7846

■ 0.0000, 0.0000,
0.4177

■ 42.6004, 42.2584,
91.4994

■ 42.6004, 42.2584,
91.4994

■ 35.7462, 34.1524,
90.2968

■ 50.7984, 51.6857,
92.8877

■ 30.1552, 27.2999,
89.2688

■ 60.4057, 62.4879,
94.4664

■ 25.7447, 21.6340,
88.4077

■ 71.4885, 74.7213,
96.2436

■ 22.4192, 17.0785,
87.7036

■ 84.1075, 88.4376,
98.2260

■ 20.0662, 13.5464,
87.1459

■ 93.3293, 99.3117,
99.8389

■ 18.6774, 11.2279,
86.7716

Harmonies

Analogous

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



36.1674, 42.2584, 89.3909



42.6004, 42.2584, 91.4994



49.0201, 42.2584, 79.1622

Triad

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



42.6004, 42.2584, 91.4994



50.4986, 42.2584, 26.1519



29.3671, 42.2584, 35.1485

Complementary

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



42.6004, 42.2584, 91.4994



66.3141, 69.3111, 35.8717

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.



32.4468, 42.2584, 23.7130



42.6004, 42.2584, 91.4994



44.4476, 42.2584, 19.5838

Square

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



42.6004, 42.2584, 91.4994



53.8999, 42.2584, 39.5078



37.8249, 42.2584, 18.8333



28.9879, 42.2584, 53.1939

Rectangle

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



42.6004, 42.2584, 91.4994



52.2511, 42.2584, 65.9663



37.8249, 42.2584, 18.8333



30.1036, 42.2584, 30.5521

Sweetspot

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



42.6019, 42.2600, 91.5004



78.1921, 81.6863, 106.2536



55.7791, 75.3819, 75.0293



16.3756, 17.0885, 22.6853



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.



42.6019, 42.2600, 91.5004



40.3991, 38.8146, 99.9704



41.2985, 33.9861, 89.9721



15.9823, 16.7289, 20.9292



10.2589, 6.3116, 47.2156



0.9874, 0.7262, 4.1784

Inverse Universe

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



54.6748, 41.8968, 44.7418



55.7194, 39.2983, 40.4229



67.9883, 82.5009, 38.3293



16.7016, 16.5635, 18.1754



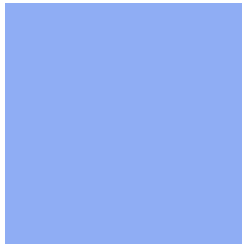
20.9827, 10.7365, 4.6175



1.8875, 0.9609, 0.6337

Previews

White Background



This preview shows how the XYZ color 42.6004, 42.2584, 91.4994 looks on a white background.

Color Contrast Check

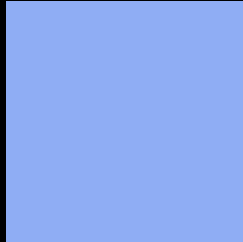
Large Text (above 18pt) WCAG AA × Fail

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 42.6004, 42.2584, 91.4994 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

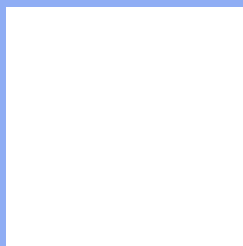
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6004, 42.2584, 91.4994

Background



This preview shows how black text looks on a background with the XYZ color 42.6004, 42.2584, 91.4994.



This preview shows how white text looks on a background with the XYZ color 42.6004, 42.2584,

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

42.6004, 42.2584, 91.4994

Protanopia

43.5388, 42.2120, 89.8574

Deuteranopia

43.2944, 42.3326, 91.4771



Tritanopia

36.1661, 42.3124, 59.0843

Trichromacy



Original Color

42.6004, 42.2584, 91.4994

Protanomaly

43.3246, 42.3657, 90.6880

Deuteranomaly

42.9357, 42.1477, 91.4603

Tritanomaly

38.2494, 42.2461, 69.7567

Monochromacy



Original Color

42.6004, 42.2584, 91.4994

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.6435, 41.1593, 59.2812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6004, 42.2584, 91.4994 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(143, 173, 244)` looks like.

```
.text, #text, p{  
    color:rgb(143, 173, 244)  
}
```

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(143, 173, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 173, 244) }
```

Border

The CSS property to change the border of an element to XYZ 42.6004, 42.2584, 91.4994 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(143, 173, 244) }
```


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

```
.border{ border-color:rgb(143, 173, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 173, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 173, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 173, 244);  
box-shadow:4px 4px 4px 4px rgb(143, 173,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6004, 42.2584, 91.4994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 173, 244) }
```

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

```
.background{ background-color: rgb(143,  
173, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor