

Converting Colors

XYZ(44.4300, 44.6891, 92.5108)

Have a look what the booklet for
XYZ(44.4300, 44.6891, 92.5108)
contains.

XYZ(44.4344, 44.6364, 92.6599)	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(44.4344, 44.6364,
92.6599)**

Conversions

Conversions Part 1

Format	Color
Hex	93B2F5
RGB	147, 178, 245
RGB Percent	58%, 70%, 96%
CMY	0.4235, 0.3019, 0.0392
CMYK	0.40, 0.27, 0.00, 0.04
HSL	221°, 83%, 77%
HSV	221°, 40%, 96%
XYZ	44.4344, 44.6364, 92.6599
YIQ	176.3690, -39.9830, 14.2650

Conversions

Conversions Part 2

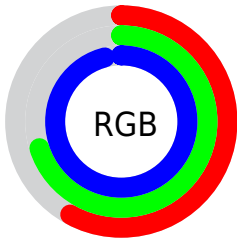
Format	Color
R _Y B	147, 171, 245
Decimal	9679605
CIE Lab	72.65, 5.94, -36.68
CIE LCh	73, 37.158, 279.196
Yxy	44.6364, 0.2445, 0.2456
Android (android.graphics.Color)	4287869685 (0xFF93B2F5)
YUV	176.3690, 33.8351, -25.7566
Hunter-Lab	66.8105, 1.7987, -35.4624

Details

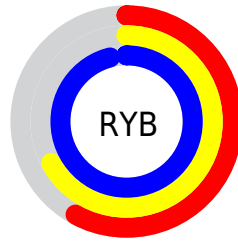
The XYZ color **44.4344, 44.6364, 92.6599** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **66.9703, 69.6134, 37.5124**, and the grayscale version is **41.3044, 43.4555, 47.3230**.

A 20% lighter version of the original color is **72.3747, 78.9030, 106.0230**, and **20.9516, 20.8279, 50.4929** is the 20% darker color. If you saturate the color by 10%, you get **37.3683, 36.3454, 91.4328**, and if you desaturate by 10%, it is **52.8460, 54.2270, 94.0685**.

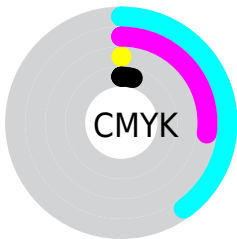
Distribution



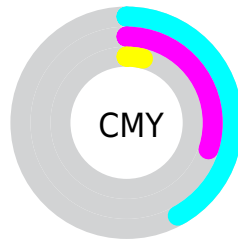
- Red (58%)
- Green (70%)
- Blue (96%)



- Red (58%)
- Yellow (67%)
- Blue (96%)



- Cyan (40%)
- Magenta (27%)
- Yellow (0%)
- Black (4%)



- Cyan (42%)
- Magenta (30%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4344, 44.6364, 92.6599 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 44.4344, 44.6364, 92.6599 by changing the saturation by 10% instead.

■ 44.4344, 44.6364,
92.6599

■ 44.4344, 44.6364,
92.6599

355.3004,
365.2990, 557.4378

■ 31.2115, 31.1711,
69.6028

■ 81.1133, 82.1745,
152.9953

■ 20.9126, 20.7292,
50.7280

■ 105.3001,
107.0162, 191.1106

■ 13.1722, 12.9262,
35.6169

133.8722,
136.4187, 235.0825

■ 7.6251, 7.3777,
23.8511

167.1950,
170.7666, 285.3293

■ 3.9058, 3.6994,
15.0121

205.6339,
210.4441, 342.2697

■ 1.6490, 1.5069,
8.6811

249.5541,

■ 0.4240, 0.2936,

255.8358, 406.3222

4.4398

299.3212,
307.3259, 477.9054

■ 0.0000, 0.0000,
1.8696

■ 0.0000, 0.0000,
0.4733

■ 44.4344, 44.6364,
92.6599

■ 44.4344, 44.6364,
92.6599

■ 37.3683, 36.3454,
91.4328

■ 52.8460, 54.2270,
94.0685

■ 31.5686, 29.2888,
90.3764

■ 62.6671, 65.1679,
95.6627

■ 26.9545, 23.4028,
89.4835

■ 73.9628, 77.5134,
97.4503

■ 23.4331, 18.6152,
88.7450

■ 86.7927, 91.3127,
99.4376

■ 20.8956, 14.8435,
88.1507

■ 93.4816, 99.3726,
100.6408

■ 19.1708, 11.9710,
87.6872

■ 19.1706, 11.9707,
87.6871

Harmonies

Analogous

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



38.1798, 44.6364, 89.8363



44.4344, 44.6364, 92.6599



50.7378, 44.6364, 81.5717

Triad

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



44.4344, 44.6364, 92.6599



52.7582, 44.6364, 29.4660



31.8758, 44.6364, 37.0680

Complementary

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



44.4344, 44.6364, 92.6599



66.9703, 69.6134, 37.5124

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.



35.0747, 44.6364, 25.9820



44.4344, 44.6364, 92.6599



46.9749, 44.6364, 22.4265

Square

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



44.4344, 44.6364, 92.6599



55.8533, 44.6364, 43.1540



40.4782, 44.6364, 21.3367



31.3433, 44.6364, 54.4891

Rectangle

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



44.4344, 44.6364, 92.6599



53.9687, 44.6364, 69.1067



40.4782, 44.6364, 21.3367



32.6582, 44.6364, 32.6158

Sweetspot

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



44.4359, 44.6381, 92.6610



78.3601, 82.0223, 106.3096



56.8196, 76.3623, 75.3420



16.4150, 17.1672, 22.6984



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.



44.4359, 44.6381, 92.6610



42.2830, 41.4203, 100.3741



42.4268, 35.4575, 90.9948



16.0089, 16.7822, 20.9381



10.4369, 6.6676, 47.2749



1.0057, 0.7629, 4.1845

Inverse Universe

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



56.1271, 43.4958, 47.5584



56.9540, 40.8782, 43.5759



69.6090, 83.7487, 40.1017



16.7151, 16.5689, 18.2462



21.0726, 10.7725, 5.0906



1.8967, 0.9647, 0.6825

Previews

White Background



This preview shows how the XYZ color 44.4344, 44.6364, 92.6599 looks on a white background.

Color Contrast Check

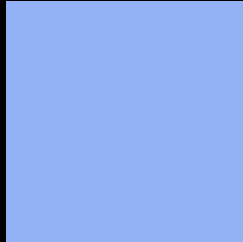
Large Text (above 18pt) WCAG AA × Fail

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 44.4344, 44.6364, 92.6599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

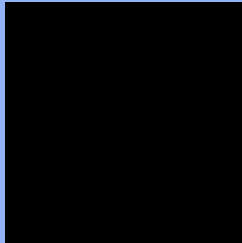
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4344, 44.6364, 92.6599

Background



This preview shows how black text looks on a background with the XYZ color 44.4344, 44.6364, 92.6599.



This preview shows how white text looks on a background with the XYZ color 44.4344, 44.6364,

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

44.4344, 44.6364, 92.6599

Protanopia

45.6082, 44.4001, 90.9603

Deuteranopia

45.8702, 44.7724, 93.4131



Tritanopia

38.2549, 44.5691, 61.8448

Trichromacy



Original Color

44.4344, 44.6364, 92.6599

Protanomaly

45.1809, 44.4523, 91.7868

Deuteranomaly

45.4936, 44.8704, 93.4519

Tritanomaly

40.2731, 44.4522, 72.1032

Monochromacy



Original Color

44.4344, 44.6364, 92.6599

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.7818, 43.6607, 61.4836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4344, 44.6364, 92.6599 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(147, 178, 245)` looks like.

```
.text, #text, p{  
    color:rgb(147, 178, 245)  
}
```

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(147, 178, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 178, 245) }
```

Border

The CSS property to change the border of an element to XYZ 44.4344, 44.6364, 92.6599 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(147, 178, 245) }
```


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

```
.border{ border-color:rgb(147, 178, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 178, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 178, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 178, 245);  
box-shadow:4px 4px 4px 4px rgb(147, 178,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4344, 44.6364, 92.6599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 178, 245) }
```

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

```
.background{ background-color: rgb(147,  
178, 245) }
```

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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