

Converting Colors

XYZ(42.8592, 45.1767, 70.2134)

Have a look what the booklet for
XYZ(42.8592, 45.1767, 70.2134)
contains.

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Color

**XYZ(42.9595, 45.2737,
70.0928)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB5D6
RGB	159, 181, 214
RGB Percent	62%, 71%, 84%
CMY	0.3765, 0.2902, 0.1608
CMYK	0.26, 0.15, 0.00, 0.16
HSL	216°, 40%, 73%
HSV	216°, 26%, 84%
XYZ	42.9595, 45.2737, 70.0928
YIQ	178.1840, -23.7050, 5.5990

Conversions

Conversions Part 2

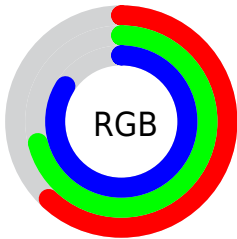
Format	Color
R_{YB}	159, 175, 214
Decimal	10466774
CIE _{Lab}	73.07, -0.21, -19.12
CIE _{LCh}	73, 19.119, 269.360
Yxy	45.2737, 0.2713, 0.2860
Android (android.graphics.Color)	4288656854 (0xFF9FB5D6)
YUV	178.1840, 17.6573, -16.8244
Hunter-Lab	67.2857, -3.7843, -14.6635

Details

The XYZ color **42.9595, 45.2737, 70.0928** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.8397, 54.4988, 40.5363**, and the grayscale version is **42.3338, 44.5385, 48.5024**.

A 20% lighter version of the original color is **76.0657, 82.0845, 106.4425**, and **19.9210, 21.0057, 35.8054** is the 20% darker color. If you saturate the color by 10%, you get **36.5863, 38.2905, 69.0816**, and if you desaturate by 10%, it is **50.3109, 53.1205, 71.2207**.

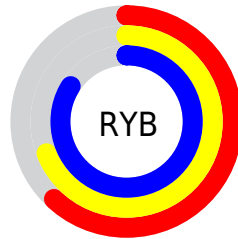
Distribution



Red (62%)

Green (71%)

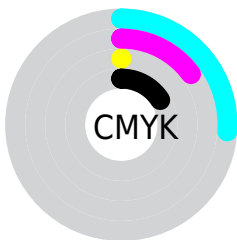
Blue (84%)



Red (62%)

Yellow (69%)

Blue (84%)

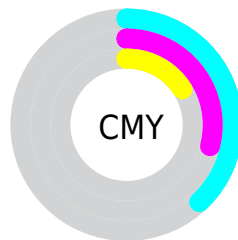


Cyan (26%)

Magenta (15%)

Yellow (0%)

Black (16%)



Cyan (38%)

Magenta (29%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9595, 45.2737, 70.0928 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 42.9595, 45.2737, 70.0928 by changing the saturation by 10% instead.

■ 42.9595, 45.2737,
70.0928

■ 42.9595, 45.2737,
70.0928

349.3695,
367.8809, 479.6737

■ 30.0477, 31.6731,
51.1249

■ 78.9058, 83.1310,
121.0234

■ 20.0231, 21.1119,
35.9306

■ 102.6711,
108.1564, 153.8233

■ 12.5202, 13.2058,
24.0913

130.7849,
137.7589, 192.0709

■ 7.1737, 7.5704,
15.1886

163.6126,
172.3228, 236.1847

■ 3.6183, 3.8213,
8.8037

201.5196,
212.2326, 286.5834

■ 1.4885, 1.5741,
4.5183

244.8711,

■ 0.3180, 0.3401,

257.8726, 343.6854

1.9138

294.0327,
309.6273, 407.9093

■ 0.0000, 0.0000,
0.5015

■ 0.0000, 0.0000,
0.0000

■ 42.9595, 45.2737,
70.0928

■ 42.9595, 45.2737,
70.0928

■ 36.5863, 38.2905,
69.0816

■ 50.3109, 53.1205,
71.2207

■ 31.1426, 32.1330,
68.1800

■ 58.6774, 61.8560,
72.4658

■ 26.5819, 26.7682,
67.3848

■ 68.0995, 71.5110,
73.8328

■ 22.8516, 22.1586,
66.6917

■ 78.6139, 82.1130,
75.3251

■ 19.8928, 18.2628,
66.0957

■ 86.0908, 91.5413,
76.7508

■ 17.6379, 15.0343,
65.5914

■ 89.1377, 97.6351,
77.7665

■ 16.0050, 12.4186,
65.1725

■ 15.4343, 11.4482,
65.0153

Harmonies

Analogous

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



39.8373, 45.2737, 66.8938



42.9595, 45.2737, 70.0928



46.2609, 45.2737, 67.1463

Triad

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



42.9595, 45.2737, 70.0928



48.8811, 45.2737, 40.8081



37.7337, 45.2737, 40.4948

Complementary

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



42.9595, 45.2737, 70.0928



52.8397, 54.4988, 40.5363

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.



39.9556, 45.2737, 34.9268



42.9595, 45.2737, 70.0928



46.3916, 45.2737, 35.0906

Square

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



42.9595, 45.2737, 70.0928



49.7851, 45.2737, 49.5014



43.1032, 45.2737, 33.0818



36.9177, 45.2737, 49.0899

Rectangle

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



42.9595, 45.2737, 70.0928



48.0962, 45.2737, 62.2856



43.1032, 45.2737, 33.0818



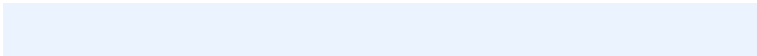
38.3351, 45.2737, 38.2499

Sweetspot

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



42.9609, 45.2755, 70.0938



84.1580, 88.7722, 107.3069



47.7587, 59.2302, 58.2547



17.5993, 18.5703, 22.9068



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.



42.9609, 45.2755, 70.0938



58.3950, 61.3479, 103.3713



39.7607, 37.5007, 68.7618



12.1462, 12.8159, 15.7711



9.4245, 7.1107, 39.3289



0.6483, 0.5886, 2.3987

Inverse Universe

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



48.4713, 42.4298, 49.3531



68.0882, 56.8241, 66.7787



56.7180, 64.2133, 42.2070



12.6270, 12.5023, 13.9761



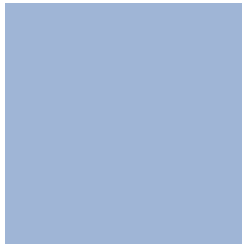
17.8159, 9.0627, 6.3346



1.1149, 0.5627, 0.5943

Previews

White Background



This preview shows how the XYZ color 42.9595, 45.2737, 70.0928 looks on a white background.

Color Contrast Check

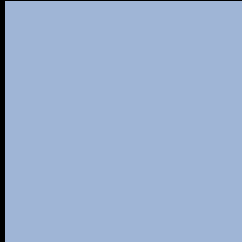
Large Text (above 18pt) WCAG AA × Fail

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 42.9595, 45.2737, 70.0928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

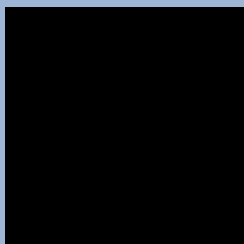
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

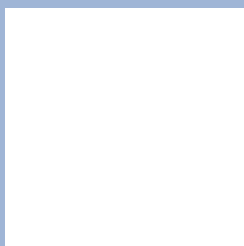
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9595, 45.2737, 70.0928

Background



This preview shows how black text looks on a background with the XYZ color 42.9595, 45.2737, 70.0928.



This preview shows how white text looks on a background with the XYZ color 42.9595, 45.2737,

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

42.9595, 45.2737, 70.0928

Protanopia

44.8173, 45.3649, 68.6815

Deuteranopia

46.1861, 45.1499, 70.5705



Tritanopia

41.0438, 45.4261, 60.0310

Trichromacy



Original Color

42.9595, 45.2737, 70.0928

Protanomaly

44.0667, 45.2598, 69.3642

Deuteranomaly

45.0011, 45.1212, 70.6274

Tritanomaly

41.7372, 45.3947, 63.6890

Monochromacy



Original Color

42.9595, 45.2737, 70.0928

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.3187, 44.6597, 55.6800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9595, 45.2737, 70.0928 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(159, 181, 214)` looks like.

```
.text, #text, p{  
    color:rgb(159, 181, 214)  
}
```

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(159, 181, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 181, 214) }
```

Border

The CSS property to change the border of an element to XYZ 42.9595, 45.2737, 70.0928 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(159, 181, 214) }
```


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

```
.border{ border-color:rgb(159, 181, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 181, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 181, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 181, 214);  
box-shadow:4px 4px 4px 4px rgb(159, 181,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9595, 45.2737, 70.0928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 181, 214) }
```

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

```
.background{ background-color: rgb(159,  
181, 214) }
```

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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