

Converting Colors

XYZ(33.5454, 33.1069, 66.7232)

Have a look what the booklet for
XYZ(33.5454, 33.1069, 66.7232)
contains.

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Color

**XYZ(33.5926, 33.0989,
66.9056)**

Conversions

Conversions Part 1

Format	Color
Hex	889AD4
RGB	136, 154, 212
RGB Percent	53%, 60%, 83%
CMY	0.4667, 0.3961, 0.1686
CMYK	0.36, 0.27, 0.00, 0.17
HSL	226°, 47%, 68%
HSV	226°, 36%, 83%
XYZ	33.5926, 33.0989, 66.9056
YIQ	155.2300, -29.3460, 14.2220

Conversions

Conversions Part 2

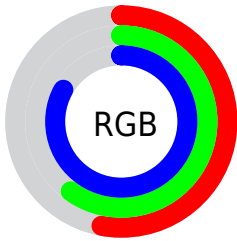
Format	Color
RYB	136, 151, 212
Decimal	8952532
CIELab	64.24, 7.65, -31.69
CIELCh	64, 32.595, 283.568
Yxy	33.0989, 0.2514, 0.2478
Android (android.graphics.Color)	4287142612 (0xFF889AD4)
YUV	155.2300, 27.9876, -16.8647
Hunter-Lab	57.5316, 3.5454, -28.6783

Details

The XYZ color **33.5926, 33.0989, 66.9056** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.8879, 54.3590, 31.1040**, and the grayscale version is **31.1477, 32.7698, 35.6863**.

A 20% lighter version of the original color is **62.0917, 63.4081, 103.5741**, and **14.5033, 13.9738, 33.8311** is the 20% darker color. If you saturate the color by 10%, you get **27.9914, 26.5115, 65.9299**, and if you desaturate by 10%, it is **40.2370, 40.7598, 68.0347**.

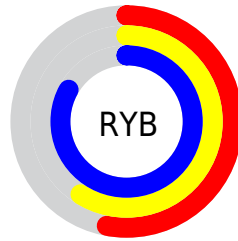
Distribution



Red (53%)

Green (60%)

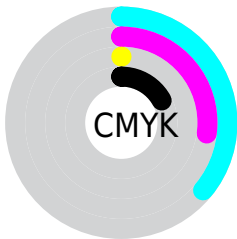
Blue (83%)



Red (53%)

Yellow (59%)

Blue (83%)

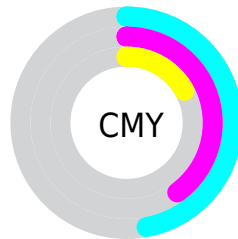


Cyan (36%)

Magenta (27%)

Yellow (0%)

Black (17%)



Cyan (47%)

Magenta (40%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5926, 33.0989, 66.9056 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 33.5926, 33.0989, 66.9056 by changing the saturation by 10% instead.

■ 33.5926, 33.0989,
66.9056

■ 33.5926, 33.0989,
66.9056

309.9296,
316.0951, 468.1010

■ 22.7422, 22.2022,
48.5468

■ 64.6481, 64.5299,
116.4245

■ 14.5229, 14.0056,
33.8970

■ 85.5840, 85.8330,
148.4217

■ 8.5694, 8.1245,
22.5378

■ 110.6124,
111.3737, 185.8021

■ 4.5162, 4.1747,
14.0505

140.0986,
141.5364, 228.9842

■ 1.9981, 1.7718,
8.0167

174.4081,
176.7056, 278.3866

■ 0.6329, 0.4695,
4.0177

213.9062,

■ 0.0000, 0.0000,

217.2654, 334.4279

1.6350

258.9583,
263.6005, 397.5265

■ 0.0000, 0.0000,
0.3156

■ 0.0000, 0.0000,
0.0000

■ 33.5926, 33.0989,
66.9056

■ 33.5926, 33.0989,
66.9056

■ 27.9914, 26.5115,
65.9299

■ 40.2370, 40.7598,
68.0347

■ 23.3753, 20.9443,
65.0986

■ 47.9716, 49.5363,
69.3211

■ 19.6856, 16.3451,
64.4054

■ 56.8449, 59.4732,
70.7714

■ 16.8556, 12.6552,
63.8423

■ 66.9010, 70.6113,
72.3913

■ 14.8089, 9.8089,
63.4008

■ 78.1821, 82.9896,
74.1859

■ 13.4536, 7.7295,
63.0709

■ 87.6450, 95.0558,
76.0162

■ 13.0334, 7.0528,
62.9624

■ 88.8838, 97.5335,
76.4292

Harmonies

Analogous

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



29.0099, 33.0989, 66.4090



33.5926, 33.0989, 66.9056



37.9965, 33.0989, 57.8259

Triad

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



33.5926, 33.0989, 66.9056



38.3542, 33.0989, 21.1792



23.6763, 33.0989, 29.3028

Complementary

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



33.5926, 33.0989, 66.9056



50.8879, 54.3590, 31.1040

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.



25.7189, 33.0989, 20.5538



33.5926, 33.0989, 66.9056



34.0432, 33.0989, 16.7119

Square

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



33.5926, 33.0989, 66.9056



40.9221, 33.0989, 30.3874



29.4187, 33.0989, 16.5152



23.5812, 33.0989, 42.3514

Rectangle

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



33.5926, 33.0989, 66.9056



40.1152, 33.0989, 48.6089



29.4187, 33.0989, 16.5152



24.1481, 33.0989, 25.8477

Sweetspot

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



33.5937, 33.1002, 66.9064



79.0200, 82.1572, 106.3009



43.3234, 56.1723, 59.0119



16.5233, 17.1475, 22.6889



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.



33.5937, 33.1002, 66.9064



44.4122, 42.5184, 100.4738



34.2065, 29.3316, 66.1467



11.9790, 12.4814, 15.7153



8.1109, 4.4837, 38.8911



0.5539, 0.3999, 2.3673

Inverse Universe

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



41.7892, 33.9396, 34.9216



58.8002, 44.5704, 44.1920



49.9806, 60.2028, 32.2798



12.5426, 12.4685, 13.5316



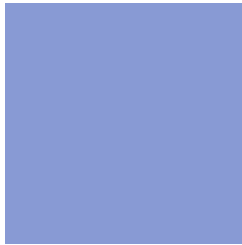
17.1529, 8.7975, 2.8432



1.0672, 0.5437, 0.3435

Previews

White Background



This preview shows how the XYZ color 33.5926, 33.0989, 66.9056 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 33.5926, 33.0989, 66.9056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

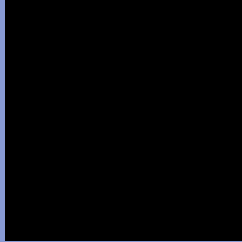
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5926, 33.0989, 66.9056

Background



This preview shows how black text looks on a background with the XYZ color 33.5926, 33.0989, 66.9056.



This preview shows how white text looks on a background with the XYZ color 33.5926, 33.0989,

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

33.5926, 33.0989, 66.9056

Protanopia

33.9224, 33.0249, 66.8739

Deuteranopia

33.7561, 32.9392, 66.8661



Tritanopia

29.1372, 33.0578, 44.8895

Trichromacy



Original Color

33.5926, 33.0989, 66.9056

Protanomaly

33.7561, 32.9392, 66.8661

Deuteranomaly

33.5914, 32.8543, 66.8584

Tritanomaly

30.5099, 32.8304, 52.3058

Monochromacy



Original Color

33.5926, 33.0989, 66.9056

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.7706, 32.8732, 45.7450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5926, 33.0989, 66.9056 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(136, 154, 212)` looks like.

```
.text, #text, p{  
    color:rgb(136, 154, 212)  
}
```

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(136, 154, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 154, 212) }
```

Border

The CSS property to change the border of an element to XYZ 33.5926, 33.0989, 66.9056 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(136, 154, 212) }
```


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

```
.border{ border-color:rgb(136, 154, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 154, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 154, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 154, 212);  
box-shadow:4px 4px 4px 4px rgb(136, 154,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5926, 33.0989, 66.9056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 154, 212) }
```

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

```
.background{ background-color: rgb(136,  
154, 212) }
```

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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