

Converting Colors

XYZ(33.6869, 33.9281, 54.0635)

Have a look what the booklet for
XYZ(33.6869, 33.9281, 54.0635)
contains.

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Color

**XYZ(33.6869, 33.9281,
54.0635)**

Conversions

Conversions Part 1

Format	Color
Hex	959CBF
RGB	149, 156, 191
RGB Percent	58%, 61%, 75%
CMY	0.4157, 0.3882, 0.2510
CMYK	0.22, 0.18, 0.00, 0.25
HSL	230°, 25%, 67%
HSV	230°, 22%, 75%
XYZ	33.6869, 33.9281, 54.0635
YIQ	157.8970, -15.4070, 9.4010

Conversions

Conversions Part 2

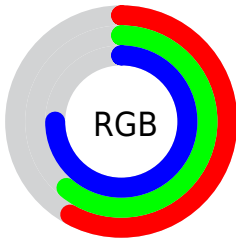
Format	Color
RYB	149, 155, 191
Decimal	9804991
CIELab	64.91, 5.11, -18.88
CIELCh	65, 19.560, 285.153
Yxy	33.9281, 0.2769, 0.2788
Android (android.graphics.Color)	4287995071 (0xFF959CBF)
YUV	157.8970, 16.3198, -7.8027
Hunter-Lab	58.2478, 1.2995, -14.2573

Details

The XYZ color **33.6869, 33.9281, 54.0635** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.0516, 47.5275, 35.2867**, and the grayscale version is **32.3870, 34.0736, 37.1062**.

A 20% lighter version of the original color is **64.7369, 65.6460, 97.2546**, and **14.6039, 14.5060, 25.6971** is the 20% darker color. If you saturate the color by 10%, you get **27.9858, 27.2814, 53.0816**, and if you desaturate by 10%, it is **40.3116, 41.5721, 55.1904**.

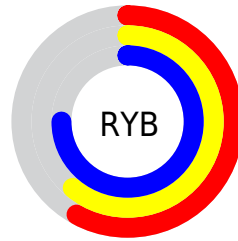
Distribution



Red (58%)

Green (61%)

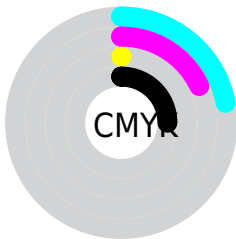
Blue (75%)



Red (58%)

Yellow (61%)

Blue (75%)

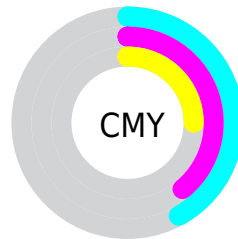


Cyan (22%)

Magenta (18%)

Yellow (0%)

Black (25%)



Cyan (42%)

Magenta (39%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6869, 33.9281, 54.0635 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 33.6869, 33.9281, 54.0635 by changing the saturation by 10% instead.

■ 33.6869, 33.9281,
54.0635

■ 33.6869, 33.9281,
54.0635

310.3442,
319.8113, 419.5336

■ 22.8149, 22.8384,
38.2589

■ 64.7940, 65.8218,
97.6248

■ 14.5768, 14.4742,
25.8803

■ 85.7598, 87.3946,
126.2186

■ 8.6073, 8.4512,
16.5092

110.8210,
113.2306, 159.9126

■ 4.5410, 4.3850,
9.7269

140.3429,
143.7141, 199.1252

■ 2.0125, 1.8912,
5.1150

174.6908,
179.2295, 244.2751

■ 0.6410, 0.5431,
2.2550

214.2300,

■ 0.0000, 0.0000,

220.1613, 295.7808

0.7058

259.3261,
266.8937, 354.0607

■ 0.0000, 0.0000,
0.0000

■ 33.6869, 33.9281,
54.0635

■ 33.6869, 33.9281,
54.0635

■ 27.9858, 27.2814,
53.0816

■ 40.3116, 41.5721,
55.1904

■ 23.1639, 21.5865,
52.2365

■ 47.8953, 50.2483,
56.4653

■ 19.1775, 16.8006,
51.5228

■ 56.4757, 59.9947,
57.8943

■ 15.9782, 12.8757,
50.9339

■ 66.0873, 70.8464,
59.4823

■ 13.5124, 9.7595,
50.4624

■ 76.7630, 82.8366,
61.2340

■ 11.7196, 7.3936,
50.1002

■ 85.2978, 94.3291,
63.0024

■ 10.5288, 5.7114,
49.8382

■ 86.4041, 96.5416,
63.3712

■ 9.9163, 4.7860,
49.6919

Harmonies

Analogous

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



30.8771, 33.9281, 54.0912



33.6869, 33.9281, 54.0635



36.2497, 33.9281, 49.0205

Triad

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



33.6869, 33.9281, 54.0635



36.2276, 33.9281, 26.9832



27.2819, 33.9281, 33.1013

Complementary

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



33.6869, 33.9281, 54.0635



44.0516, 47.5275, 35.2867

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.



28.5515, 33.9281, 27.0307



33.6869, 33.9281, 54.0635



33.6581, 33.9281, 23.8647

Square

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



33.6869, 33.9281, 54.0635



37.7738, 33.9281, 33.0269



30.8500, 33.9281, 23.8807



27.2886, 33.9281, 41.1547

Rectangle

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



33.6869, 33.9281, 54.0635



37.4264, 33.9281, 43.8642



30.8500, 33.9281, 23.8807



27.5701, 33.9281, 30.7892

Sweetspot

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



33.6880, 33.9295, 54.0643



78.6039, 81.7994, 99.9251



39.6045, 47.0833, 51.9649



17.0798, 17.7554, 21.9122



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.6880, 33.9295, 54.0643



55.6186, 55.2856, 96.0189



35.1136, 32.9703, 53.8040



9.1416, 9.4755, 12.0193



6.5575, 3.2267, 32.6701



0.2974, 0.2076, 1.2932

Inverse Universe

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



38.2350, 34.9725, 36.1892



65.1334, 57.6052, 58.5834



42.3477, 48.8617, 35.6341



9.5933, 9.5616, 10.2474



14.3107, 7.3554, 1.6637



0.5810, 0.2963, 0.1730

Previews

White Background



This preview shows how the XYZ color 33.6869, 33.9281, 54.0635 looks on a white background.

Color Contrast Check

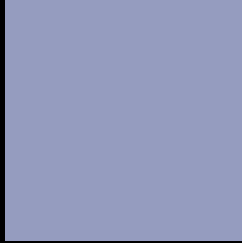
Large Text (above 18pt) WCAG AA × Fail

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 33.6869, 33.9281, 54.0635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

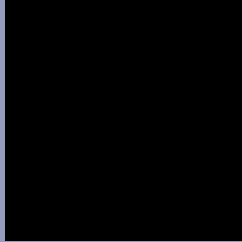
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.6869, 33.9281, 54.0635

Background



This preview shows how black text looks on a background with the XYZ color 33.6869, 33.9281, 54.0635.



This preview shows how white text looks on a background with the XYZ color 33.6869, 33.9281,

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

33.6869, 33.9281, 54.0635

Protanopia

33.8701, 34.0226, 54.0721

Deuteranopia

34.6699, 33.9407, 54.0141



Tritanopia

31.5216, 33.7946, 43.8914

Trichromacy



Original Color

33.6869, 33.9281, 54.0635

Protanomaly

33.8701, 34.0226, 54.0721

Deuteranomaly

34.2622, 33.9766, 54.0425

Tritanomaly

32.2176, 33.8194, 47.4776

Monochromacy



Original Color

33.6869, 33.9281, 54.0635

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.8302, 33.9848, 42.8596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6869, 33.9281, 54.0635 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(149, 156, 191)` looks like.

```
.text, #text, p{  
    color:rgb(149, 156, 191)  
}
```

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(149, 156, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 156, 191) }
```

Border

The CSS property to change the border of an element to XYZ 33.6869, 33.9281, 54.0635 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(149, 156, 191) }
```


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

```
.border{ border-color:rgb(149, 156, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 156, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 156, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 156, 191);  
box-shadow:4px 4px 4px 4px rgb(149, 156,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6869, 33.9281, 54.0635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 156, 191) }
```

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

```
.background{ background-color: rgb(149,  
156, 191) }
```

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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