

Converting Colors

XYZ(34.7526, 34.9021, 54.3399)

Have a look what the booklet for
XYZ(34.7526, 34.9021, 54.3399)
contains.

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Color

**XYZ(34.7677, 34.9876,
54.2110)**

Conversions

Conversions Part 1

Format	Color
Hex	999EBF
RGB	153, 158, 191
RGB Percent	60%, 62%, 75%
CMY	0.4000, 0.3804, 0.2510
CMYK	0.20, 0.17, 0.00, 0.25
HSL	232°, 23%, 67%
HSV	232°, 20%, 75%
XYZ	34.7677, 34.9876, 54.2110
YIQ	160.2670, -13.5730, 9.2030

Conversions

Conversions Part 2

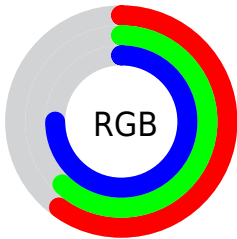
Format	Color
R_{YB}	153, 157, 191
Decimal	10067647
CIE Lab	65.74, 5.26, -17.59
CIE LCh	66, 18.357, 286.665
Yxy	34.9876, 0.2805, 0.2822
Android (android.graphics.Color)	4288257727 (0xFF999EBF)
YUV	160.2670, 15.1514, -6.3732
Hunter-Lab	59.1503, 1.4067, -12.9338

Details

The XYZ color **34.7677, 34.9876, 54.2110** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.7949, 48.4941, 37.1373**, and the grayscale version is **33.4744, 35.2177, 38.3520**.

A 20% lighter version of the original color is **66.5952, 67.7138, 97.5558**, and **15.2120, 15.1171, 26.1609** is the 20% darker color. If you saturate the color by 10%, you get **28.8065, 27.9949, 53.1760**, and if you desaturate by 10%, it is **41.6900, 43.0443, 55.4018**.

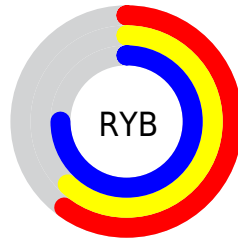
Distribution



Red (60%)

Green (62%)

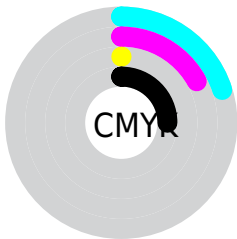
Blue (75%)



Red (60%)

Yellow (62%)

Blue (75%)

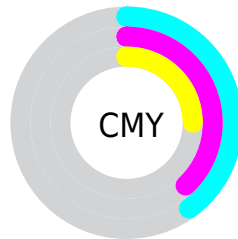


Cyan (20%)

Magenta (17%)

Yellow (0%)

Black (25%)



Cyan (40%)

Magenta (38%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7677, 34.9876, 54.2110 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 34.7677, 34.9876, 54.2110 by changing the saturation by 10% instead.

■ 34.7677, 34.9876,
54.2110

■ 34.7677, 34.9876,
54.2110

315.0678,
324.5136, 420.1115

■ 23.6497, 23.6533,
38.3761

■ 66.4621, 67.4666,
97.8435

■ 15.1973, 15.0767,
25.9706

■ 87.7692, 89.3800,
126.4781

■ 9.0452, 8.8732,
16.5761

113.2034,
115.5887, 160.2164

■ 4.8280, 4.6586,
9.7740

143.1300,
146.4769, 199.4769

■ 2.1804, 2.0484,
5.1457

177.9144,
182.4291, 244.6781

■ 0.7324, 0.6353,
2.2728

217.9219,

■ 0.0000, 0.0000,

223.8297, 296.2386

0.7159

263.5179,
271.0631, 354.5768

■ 0.0000, 0.0000,
0.0000

■ 34.7677, 34.9876,
54.2110

■ 34.7677, 34.9876,
54.2110

■ 28.8065, 27.9949,
53.1760

■ 41.6900, 43.0443,
55.4018

■ 23.7605, 22.0175,
52.2882

■ 49.6100, 52.2026,
56.7521

■ 19.5850, 17.0091,
51.5416

■ 58.5665, 62.5035,
58.2683

■ 16.2302, 12.9182,
50.9288

■ 68.5951, 73.9846,
59.9559

■ 13.6412, 9.6883,
50.4418

■ 79.7298, 86.6819,
61.8198

■ 11.7560, 7.2567,
50.0718

■ 86.4041, 96.5416,
63.3712

■ 10.5030, 5.5520,
49.8088

■ 9.7610, 4.4717,
49.6394

■ 9.7547, 4.4628,
49.6380

Harmonies

Analogous

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



32.0701, 34.9876, 54.4947



34.7677, 34.9876, 54.2110



37.1806, 34.9876, 49.2525

Triad

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



34.7677, 34.9876, 54.2110



36.9510, 34.9876, 28.2610



28.4488, 34.9876, 34.7640

Complementary

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



34.7677, 34.9876, 54.2110



44.7949, 48.4941, 37.1373

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.



29.6153, 34.9876, 28.7652



34.7677, 34.9876, 54.2110



34.4681, 34.9876, 25.3684

Square

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



34.7677, 34.9876, 54.2110



38.4871, 34.9876, 33.9839



31.7862, 34.9876, 25.5395



28.5193, 34.9876, 42.5261

Rectangle

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



34.7677, 34.9876, 54.2110



38.2596, 34.9876, 44.3020



31.7862, 34.9876, 25.5395



28.7065, 34.9876, 32.4977

Sweetspot

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



34.7688, 34.9890, 54.2118



79.8414, 83.0874, 100.1085



40.6242, 47.5769, 53.4600



17.3307, 18.0117, 21.9485



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.



34.7688, 34.9890, 54.2118



57.2728, 56.8160, 96.2271



36.7183, 34.7532, 54.0635



9.1150, 9.4224, 12.0105



6.4448, 3.0014, 32.6325



0.2858, 0.1843, 1.2894

Inverse Universe

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



39.0495, 36.3284, 37.3032



66.4025, 59.7747, 60.1427



42.5279, 48.9171, 37.3384



9.5799, 9.5563, 10.1769



14.2538, 7.3327, 1.3643



0.5752, 0.2940, 0.1421

Previews

White Background



This preview shows how the XYZ color 34.7677, 34.9876, 54.2110 looks on a white background.

Color Contrast Check

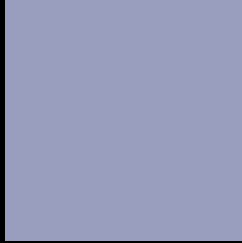
Large Text (above 18pt) WCAG AA × Fail

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 34.7677, 34.9876, 54.2110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

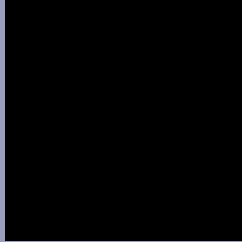
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7677, 34.9876, 54.2110

Background



This preview shows how black text looks on a background with the XYZ color 34.7677, 34.9876, 54.2110.



This preview shows how white text looks on a background with the XYZ color 34.7677, 34.9876,

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

34.7677, 34.9876, 54.2110

Protanopia

34.7677, 34.9876, 54.2110

Deuteranopia

35.5905, 34.9095, 54.1526



Tritanopia

32.9625, 35.0298, 45.0685

Trichromacy



Original Color

34.7677, 34.9876, 54.2110

Protanomaly

34.7677, 34.9876, 54.2110

Deuteranomaly

35.3656, 35.0436, 54.1903

Tritanomaly

33.5715, 35.0162, 48.1694

Monochromacy



Original Color

34.7677, 34.9876, 54.2110

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.6535, 34.9046, 43.4916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7677, 34.9876, 54.2110 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(153, 158, 191)` looks like.

```
.text, #text, p{  
    color:rgb(153, 158, 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(153, 158, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 158, 191) }
```

Border

The CSS property to change the border of an element to XYZ 34.7677, 34.9876, 54.2110 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(153, 158, 191) }
```


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

```
.border{ border-color:rgb(153, 158, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 158, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 158, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 158, 191);  
box-shadow:4px 4px 4px 4px rgb(153, 158,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7677, 34.9876, 54.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 158, 191) }
```

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

```
.background{ background-color: rgb(153,  
158, 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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