

Converting Colors

XYZ(35.4602, 34.5676, 55.3014)

Have a look what the booklet for
XYZ(35.4602, 34.5676, 55.3014)
contains.

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Color

**XYZ(35.4475, 34.5620,
55.2549)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9BC1
RGB	158, 155, 193
RGB Percent	62%, 61%, 76%
CMY	0.3804, 0.3921, 0.2431
CMYK	0.18, 0.20, 0.00, 0.24
HSL	245°, 23%, 68%
HSV	245°, 20%, 76%
XYZ	35.4475, 34.5620, 55.2549
YIQ	160.2290, -10.4100, 12.4540

Conversions

Conversions Part 2

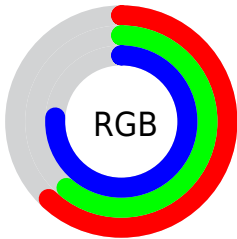
Format	Color
R_{YB}	158, 155, 193
Decimal	10394561
CIE _{Lab}	65.41, 9.01, -19.17
CIE _{LCh}	65, 21.185, 295.183
Yxy	34.5620, 0.2830, 0.2759
Android (android.graphics.Color)	4288584641 (0xFF9E9BC1)
YUV	160.2290, 16.1561, -1.9548
Hunter-Lab	58.7895, 4.7462, -14.5727

Details

The XYZ color **35.4475, 34.5620, 55.2549** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.2226, 51.4545, 38.5074**, and the grayscale version is **33.4513, 35.1934, 38.3256**.

A 20% lighter version of the original color is **67.4964, 66.6492, 99.7496**, and **15.5544, 14.8289, 26.4686** is the 20% darker color. If you saturate the color by 10%, you get **29.2413, 26.9702, 54.1172**, and if you desaturate by 10%, it is **42.6751, 43.4442, 56.5890**.

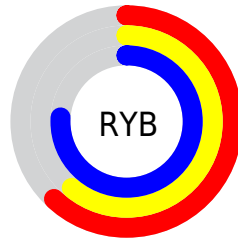
Distribution



Red (62%)

Green (61%)

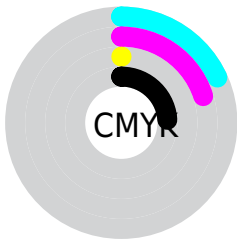
Blue (76%)



Red (62%)

Yellow (61%)

Blue (76%)

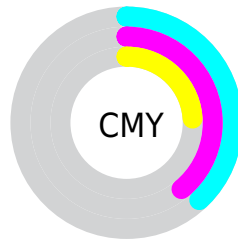


Cyan (18%)

Magenta (20%)

Yellow (0%)

Black (24%)



Cyan (38%)

Magenta (39%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4475, 34.5620, 55.2549 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 35.4475, 34.5620, 55.2549 by changing the saturation by 10% instead.

■ 35.4475, 34.5620,
55.2549

■ 35.4475, 34.5620,
55.2549

318.0127,
322.6308, 424.1866

■ 24.1759, 23.3257,
39.2059

■ 67.5079, 66.8067,
99.3892

■ 15.5896, 14.8342,
26.6109

■ 89.0274, 88.5838,
128.3116

■ 9.3232, 8.7031,
17.0513

114.6937,
114.6434, 162.3621

■ 5.0114, 4.5480,
10.1087

144.8720,
145.3697, 201.9594

■ 2.2888, 1.9846,
5.3646

179.9276,
181.1472, 247.5219

■ 0.7889, 0.5985,
2.4003

220.2261,

■ 0.0000, 0.0000,

222.3603, 299.4683

0.7866

266.1327,
269.3933, 358.2170

■ 0.0000, 0.0000,
0.0000

■ 35.4475, 34.5620,
55.2549

■ 35.4475, 34.5620,
55.2549

■ 29.2413, 26.9702,
54.1172

■ 42.6751, 43.4442,
56.5890

■ 24.0073, 20.6046,
53.1644

■ 50.9638, 53.6683,
58.1256

■ 19.6971, 15.4021,
52.3874

■ 60.3553, 65.2885,
59.8735

■ 16.2567, 11.2923,
51.7754

■ 70.8880, 78.3544,
61.8403

■ 13.6268, 8.1969,
51.3166

■ 82.5985, 92.9135,
64.0333

■ 11.7404, 6.0274,
50.9972

■ 86.6257, 96.6303,
64.5385

■ 10.5195, 4.6799,
50.8015

■ 9.8423, 3.9717,
50.7005

■ 9.8265, 3.9538,
50.6979

Harmonies

Analogous

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



32.3530, 34.5620, 57.2940



35.4475, 34.5620, 55.2549



37.9810, 34.5620, 48.2239

Triad

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



35.4475, 34.5620, 55.2549



36.3658, 34.5620, 25.3044



27.2708, 34.5620, 36.2193

Complementary

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



35.4475, 34.5620, 55.2549



46.2226, 51.4545, 38.5074

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.



28.2035, 34.5620, 28.7173



35.4475, 34.5620, 55.2549



33.3523, 34.5620, 23.0780

Square

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



35.4475, 34.5620, 55.2549



38.5341, 34.5620, 30.8371



30.3829, 34.5620, 24.2220



27.7546, 34.5620, 45.3586

Rectangle

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



35.4475, 34.5620, 55.2549



38.9445, 34.5620, 42.1602



30.3829, 34.5620, 24.2220



27.4273, 34.5620, 33.4404

Sweetspot

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



35.4486, 34.5634, 55.2557



81.5428, 84.1068, 102.2968



41.6589, 47.8491, 57.4927



17.2892, 17.7917, 21.9082



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.



35.4486, 34.5634, 55.2557



58.0538, 55.2463, 97.9641



39.3734, 36.5868, 55.4394



9.6003, 9.7851, 12.6676



6.5635, 2.6440, 33.7210



0.3094, 0.1275, 1.4582

Inverse Universe

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



43.0090, 38.4992, 53.8808



74.2925, 63.7023, 94.9001



41.8838, 49.2177, 38.3043



10.4619, 10.2334, 12.5229



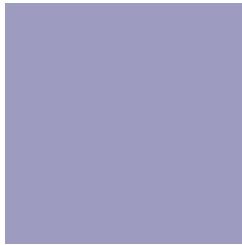
19.9706, 9.6780, 28.8210



0.8732, 0.4223, 1.2998

Previews

White Background



This preview shows how the XYZ color 35.4475, 34.5620, 55.2549 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 35.4475, 34.5620, 55.2549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

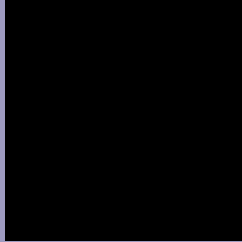
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4475, 34.5620, 55.2549

Background



This preview shows how black text looks on a background with the XYZ color 35.4475, 34.5620, 55.2549.



This preview shows how white text looks on a background with the XYZ color 35.4475, 34.5620,

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

35.4475, 34.5620, 55.2549

Protanopia

34.4850, 34.5381, 56.4787

Deuteranopia

35.2516, 34.4610, 55.2458



Tritanopia

33.0752, 34.6066, 43.4646

Trichromacy



Original Color

35.4475, 34.5620, 55.2549

Protanomaly

34.7629, 34.4443, 55.8551

Deuteranomaly

35.2516, 34.4610, 55.2458

Tritanomaly

33.8811, 34.6770, 47.5554

Monochromacy



Original Color

35.4475, 34.5620, 55.2549

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.9713, 34.8032, 43.9569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4475, 34.5620, 55.2549 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(158, 155, 193)` looks like.

```
.text, #text, p{  
    color:rgb(158, 155, 193)  
}
```

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(158, 155, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 155, 193) }
```

Border

The CSS property to change the border of an element to XYZ 35.4475, 34.5620, 55.2549 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(158, 155, 193) }
```


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

```
.border{ border-color:rgb(158, 155, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 155, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 155, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 155, 193);  
box-shadow:4px 4px 4px 4px rgb(158, 155,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4475, 34.5620, 55.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 155, 193) }
```

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

```
.background{ background-color: rgb(158,  
155, 193) }
```

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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