

Converting Colors

XYZ(34.4232, 33.5568, 54.5320)

Have a look what the booklet for XYZ(34.4232, 33.5568, 54.5320) contains.

- XYZ(34.4232, 33.5568, 54.5320) 3**
- Conversions*** 4
- Details*** 6
- Harmonies*** 12
- Previews*** 24
- Color Blindness Simulation*** 28
- CSS Examples*** 31

Color

**XYZ(34.4232, 33.5568,
54.5320)**

Conversions

Conversions Part 1

Format	Color
Hex	9B99C0
RGB	155, 153, 192
RGB Percent	61%, 60%, 75%
CMY	0.3921, 0.4000, 0.2471
CMYK	0.19, 0.20, 0.00, 0.25
HSL	243°, 24%, 68%
HSV	243°, 20%, 75%
XYZ	34.4232, 33.5568, 54.5320
YIQ	158.0440, -11.3270, 12.5530

Conversions

Conversions Part 2

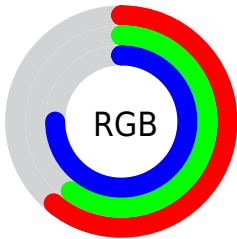
Format	Color
RYB	155, 153, 192
Decimal	10197440
CIELab	64.61, 8.95, -19.85
CIELCh	65, 21.771, 294.271
Yxy	33.5568, 0.2810, 0.2739
Android (android.graphics.Color)	4288387520 (0xFF9B99C0)
YUV	158.0440, 16.7403, -2.6696
Hunter-Lab	57.9282, 4.6972, -15.2642

Details

The XYZ color **34.4232, 33.5568, 54.5320** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.8358, 50.9472, 37.5565**, and the grayscale version is **32.4503, 34.1403, 37.1788**.

A 20% lighter version of the original color is **65.8344, 65.1046, 97.9035**, and **14.9323, 14.2213, 26.0027** is the 20% darker color. If you saturate the color by 10%, you get **28.2939, 26.1020, 53.4167**, and if you desaturate by 10%, it is **41.5877, 42.2975, 55.8421**.

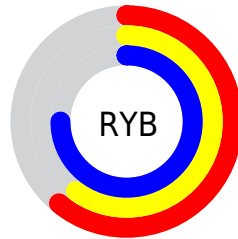
Distribution



Red (61%)

Green (60%)

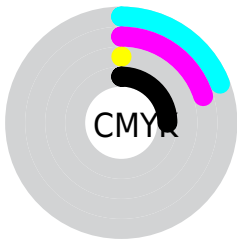
Blue (75%)



Red (61%)

Yellow (60%)

Blue (75%)

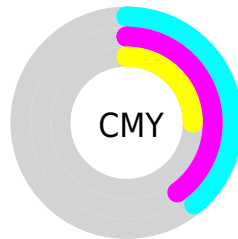


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (25%)



Cyan (39%)

Magenta (40%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4232, 33.5568, 54.5320 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 34.4232, 33.5568, 54.5320 by changing the saturation by 10% instead.

■ 34.4232, 33.5568,
54.5320

■ 34.4232, 33.5568,
54.5320

313.5678,
318.1513, 421.3673

■ 23.3833, 22.5533,
38.6311

■ 65.9312, 65.2439,
98.3192

■ 14.9991, 14.2640,
26.1672

■ 87.1300, 86.6962,
127.0425

■ 8.9050, 8.3045,
16.7219

112.4458,
112.4004, 160.8771

■ 4.7359, 4.2904,
9.8766

142.2440,
142.7407, 200.2415

■ 2.1263, 1.8373,
5.2127

176.8900,
178.1015, 245.5541

■ 0.7035, 0.5103,
2.3117

216.7490,

■ 0.0000, 0.0000,

218.8673, 297.2336

0.7377

262.1865,
265.4224, 355.6985

■ 0.0000, 0.0000,
0.0000

■ 34.4232, 33.5568,
54.5320

■ 34.4232, 33.5568,
54.5320

■ 28.2939, 26.1020,
53.4167

■ 41.5877, 42.2975,
55.8421

■ 23.1489, 19.8685,
52.4847

■ 49.8288, 52.3765,
57.3532

■ 18.9378, 14.7926,
51.7269

■ 59.1894, 63.8481,
59.0740

■ 15.6046, 10.8027,
51.1324

■ 69.7095, 76.7626,
61.0123

■ 13.0870, 7.8197,
50.6893

■ 81.4266, 91.1675,
63.1752

■ 11.3148, 5.7535,
50.3839

■ 86.5145, 96.5858,
63.9529

■ 10.2058, 4.4979,
50.2000

■ 9.6377, 3.8693,
50.1086

Harmonies

Analogous

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



31.3000, 33.5568, 56.4235



34.4232, 33.5568, 54.5320



37.0135, 33.5568, 47.5095

Triad

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



34.4232, 33.5568, 54.5320



35.5254, 33.5568, 24.2962



26.2934, 33.5568, 34.8503

Complementary

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



34.4232, 33.5568, 54.5320



45.8358, 50.9472, 37.5565

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.



27.2711, 33.5568, 27.4002



34.4232, 33.5568, 54.5320



32.4969, 33.5568, 21.9775

Square

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



34.4232, 33.5568, 54.5320



37.6783, 33.5568, 29.9244



29.4932, 33.5568, 23.0137



26.7355, 33.5568, 44.0599

Rectangle

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



34.4232, 33.5568, 54.5320



38.0207, 33.5568, 41.3928



29.4932, 33.5568, 23.0137



26.4649, 33.5568, 32.0779

Sweetspot

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



34.4243, 33.5582, 54.5328



81.4051, 84.0359, 102.2903



41.0766, 47.4275, 56.8592



17.2568, 17.7750, 21.9067



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.



34.4243, 33.5582, 54.5328



57.6283, 55.0270, 97.9442



38.4628, 35.6401, 54.7218



9.5750, 9.7721, 12.6664



6.5052, 2.6140, 33.7183



0.2979, 0.1216, 1.4577

Inverse Universe

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



42.4248, 37.7080, 53.7591



74.5473, 63.8042, 96.2419



41.2971, 48.6075, 37.3441



10.4743, 10.2383, 12.5881



20.3293, 9.8215, 30.7098



0.8853, 0.4271, 1.3635

Previews

White Background



This preview shows how the XYZ color 34.4232, 33.5568, 54.5320 looks on a white background.

Color Contrast Check

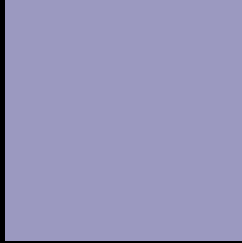
Large Text (above 18pt) WCAG AA × Fail

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 34.4232, 33.5568, 54.5320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

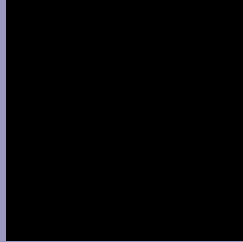
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4232, 33.5568, 54.5320

Background



This preview shows how black text looks on a background with the XYZ color 34.4232, 33.5568, 54.5320.



This preview shows how white text looks on a background with the XYZ color 34.4232, 33.5568,

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

34.4232, 33.5568, 54.5320

Protanopia

33.5597, 33.5888, 55.1666

Deuteranopia

34.2321, 33.4583, 54.5230



Tritanopia

31.9809, 33.5578, 42.3278

Trichromacy



Original Color

34.4232, 33.5568, 54.5320

Protanomaly

33.9437, 33.5408, 55.1371

Deuteranomaly

34.2321, 33.4583, 54.5230

Tritanomaly

32.7732, 33.6267, 46.3582

Monochromacy



Original Color

34.4232, 33.5568, 54.5320

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.0488, 33.8473, 42.8215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4232, 33.5568, 54.5320 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(155, 153, 192)` looks like.

```
.text, #text, p{  
    color:rgb(155, 153, 192)  
}
```

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(155, 153, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 153, 192) }
```

Border

The CSS property to change the border of an element to XYZ 34.4232, 33.5568, 54.5320 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(155, 153, 192) }
```


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

```
.border{ border-color:rgb(155, 153, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 153, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 153, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 153, 192);  
box-shadow:4px 4px 4px 4px rgb(155, 153,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4232, 33.5568, 54.5320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 153, 192) }
```

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

```
.background{ background-color: rgb(155,  
153, 192) }
```

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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