

Converting Colors

XYZ(23.5022, 22.3735, 35.8809)

Have a look what the booklet for
XYZ(23.5022, 22.3735, 35.8809)
contains.

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Color

**XYZ(23.5504, 22.4932,
35.9013)**

Conversions

Conversions Part 1

Format	Color
Hex	867E9F
RGB	134, 126, 159
RGB Percent	53%, 49%, 62%
CMY	0.4745, 0.5059, 0.3765
CMYK	0.16, 0.21, 0.00, 0.38
HSL	255°, 15%, 56%
HSV	255°, 21%, 62%
XYZ	23.5504, 22.4932, 35.9013
YIQ	132.1540, -5.8250, 11.9590

Conversions

Conversions Part 2

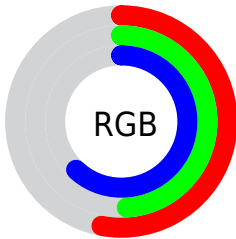
Format	Color
R_{YB}	134, 126, 159
Decimal	8814239
CIE _{Lab}	54.55, 9.96, -16.54
CIE _{LCh}	55, 19.308, 301.069
Yxy	22.4932, 0.2874, 0.2745
Android (android.graphics.Color)	4287004319 (0xFF867E9F)
YUV	132.1540, 13.2351, 1.6189
Hunter-Lab	47.4270, 5.6389, -11.6825

Details

The XYZ color **23.5504, 22.4932, 35.9013** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **28.9272, 32.8825, 24.5619**, and the grayscale version is **21.9435, 23.0862, 25.1409**.

A 20% lighter version of the original color is **48.7512, 47.6600, 70.2482**, and **9.0168, 8.2753, 15.3094** is the 20% darker color. If you saturate the color by 10%, you get **19.8649, 17.8116, 35.1923**, and if you desaturate by 10%, it is **27.7792, 27.9357, 36.7293**.

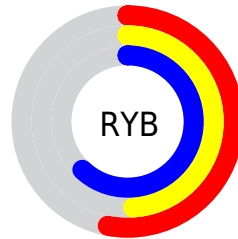
Distribution



Red (53%)

Green (49%)

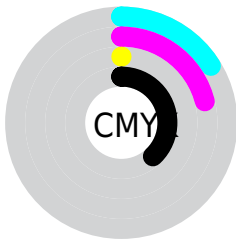
Blue (62%)



Red (53%)

Yellow (49%)

Blue (62%)

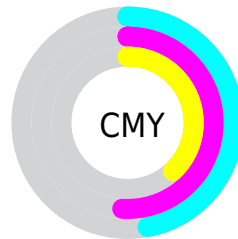


Cyan (16%)

Magenta (21%)

Yellow (0%)

Black (38%)



Cyan (47%)

Magenta (51%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5504, 22.4932, 35.9013 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 23.5504, 22.4932, 35.9013 by changing the saturation by 10% instead.

■ 23.5504, 22.4932,
35.9013

■ 23.5504, 22.4932,
35.9013

263.0224,
265.1112, 343.5533

■ 15.1234, 14.2197,
24.0689

■ 48.7556, 47.5598,
70.0470

■ 8.9929, 8.2737,
15.1721

■ 66.2644, 65.1217,
93.1974

■ 4.7936, 4.2706,
8.7923

■ 87.5312, 86.5486,
120.9576

■ 2.1602, 1.8260,
4.5110

112.9213,
112.2249, 153.7460

■ 0.7216, 0.5033,
1.9096

142.8002,
142.5349, 191.9812

■ 0.0000, 0.0000,
0.4989

177.5331,

■ 0.0000, 0.0000,

177.8630, 236.0818

0.0000

217.4853,
218.5936, 286.4663

■ 23.5504, 22.4932,
35.9013

■ 23.5504, 22.4932,
35.9013

■ 19.8649, 17.8116,
35.1923

■ 27.7792, 27.9357,
36.7293

■ 16.6981, 13.8540,
34.5953

■ 32.5703, 34.1683,
37.6798

■ 14.0264, 10.5842,
34.1050

■ 37.9445, 41.2223,
38.7581

■ 11.8238, 7.9623,
33.7150

■ 43.9207, 49.1260,
39.9687

■ 10.0614, 5.9436,
33.4182

■ 50.5173, 57.9068,
41.3159

■ 8.7073, 4.4779,
33.2067

■ 57.7515, 67.5907,
42.8038

■ 7.7245, 3.5066,
33.0710

■ 65.6400, 78.2025,
44.4363

■ 7.0776, 2.9257,
32.9930

■ 74.1988, 89.7662,
46.2172

■ 78.7780, 92.9737,
46.5950

Harmonies

Analogous

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



21.4552, 22.4932, 38.1012



23.5504, 22.4932, 35.9013



25.1451, 22.4932, 30.5778

Triad

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



23.5504, 22.4932, 35.9013



23.4103, 22.4932, 15.6361



17.5604, 22.4932, 24.7095

Complementary

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



23.5504, 22.4932, 35.9013



28.9272, 32.8825, 24.5619

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.



18.0093, 22.4932, 19.2713



23.5504, 22.4932, 35.9013



21.3032, 22.4932, 14.5829

Square

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



23.5504, 22.4932, 35.9013



25.0605, 22.4932, 18.9519



19.3456, 22.4932, 15.7979



18.0771, 22.4932, 31.0168

Rectangle

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



23.5504, 22.4932, 35.9013



25.6598, 22.4932, 26.3470



19.3456, 22.4932, 15.7979



17.6031, 22.4932, 22.7248

Sweetspot

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



23.5511, 22.4941, 35.9018



53.6025, 55.0286, 66.5399



25.9778, 29.1694, 37.0624



11.9690, 12.2559, 14.9784



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.5511, 22.4941, 35.9018



38.9417, 36.1590, 63.6704



26.3341, 23.9288, 36.0320



6.4279, 6.5090, 8.3243



5.6230, 2.3278, 26.0602



0.1348, 0.0593, 0.4676

Inverse Universe

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



27.3455, 24.5278, 32.5720



47.0546, 40.5107, 56.3973



26.1242, 31.4375, 24.4307



6.8354, 6.7271, 7.9842



14.0096, 6.9084, 14.8337



0.2658, 0.1296, 0.3459

Previews

White Background



This preview shows how the XYZ color 23.5504, 22.4932, 35.9013 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5504, 22.4932, 35.9013 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 × Fail

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

XYZ 23.5504, 22.4932, 35.9013

Background



This preview shows how black text looks on a background with the XYZ color 23.5504, 22.4932, 35.9013.



This preview shows how white text looks on a background with the XYZ color 23.5504, 22.4932,

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

23.5504, 22.4932, 35.9013

Protanopia

22.4517, 22.4847, 36.8749

Deuteranopia

23.0304, 22.6087, 35.9510



Tritanopia

21.9440, 22.4193, 27.9817

Trichromacy



Original Color

23.5504, 22.4932, 35.9013

Protanomaly

22.8167, 22.4884, 36.3958

Deuteranomaly

23.2075, 22.5072, 35.9221

Tritanomaly

22.5014, 22.4505, 30.7512

Monochromacy



Original Color

23.5504, 22.4932, 35.9013

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.5380, 22.9048, 28.8244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5504, 22.4932, 35.9013 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(134, 126, 159)` looks like.

```
.text, #text, p{  
    color:rgb(134, 126, 159)  
}
```

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(134, 126, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 126, 159) }
```

Border

The CSS property to change the border of an element to XYZ 23.5504, 22.4932, 35.9013 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(134, 126, 159) }
```


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

```
.border{ border-color:rgb(134, 126, 159) }
```

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

Here you see how a box with a 4 pixel rgb(134, 126, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 126, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 126, 159);  
box-shadow:4px 4px 4px 4px rgb(134, 126,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5504, 22.4932, 35.9013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 126, 159) }
```

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

```
.background{ background-color: rgb(134,  
126, 159) }
```

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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