

Converting Colors

XYZ(22.9964, 23.2166, 35.0549)

Have a look what the booklet for
XYZ(22.9964, 23.2166, 35.0549)
contains.

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Color

**XYZ(22.9545, 23.1789,
35.1624)**

Conversions

Conversions Part 1

Format	Color
Hex	7F839D
RGB	127, 131, 157
RGB Percent	50%, 51%, 62%
CMY	0.5020, 0.4863, 0.3843
CMYK	0.19, 0.17, 0.00, 0.38
HSL	232°, 13%, 56%
HSV	232°, 19%, 62%
XYZ	22.9545, 23.1789, 35.1624
YIQ	132.7680, -10.7300, 7.2380

Conversions

Conversions Part 2

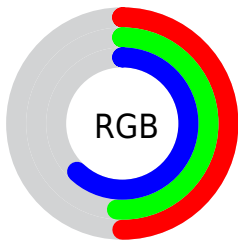
Format	Color
R_{YB}	127, 131, 157
Decimal	8356765
CIE _{Lab}	55.26, 4.23, -14.36
CIE _{LCh}	55, 14.971, 286.427
Yxy	23.1789, 0.2824, 0.2851
Android (android.graphics.Color)	4286546845 (0xFF7F839D)
YUV	132.7680, 11.9464, -5.0585
Hunter-Lab	48.1445, 0.8531, -9.6014

Details

The XYZ color **22.9545, 23.1789, 35.1624** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **29.1269, 31.4830, 24.6210**, and the grayscale version is **22.1713, 23.3260, 25.4020**.

A 20% lighter version of the original color is **47.8465, 48.7377, 69.1729**, and **8.6794, 8.6530, 14.8484** is the 20% darker color. If you saturate the color by 10%, you get **19.0870, 18.6486, 34.4922**, and if you desaturate by 10%, it is **27.4278, 28.3789, 35.9307**.

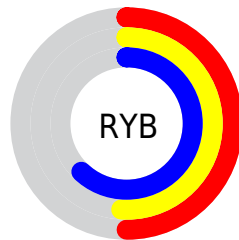
Distribution



Red (50%)

Green (51%)

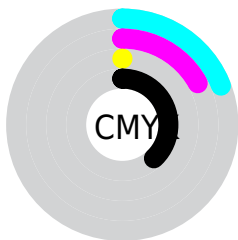
Blue (62%)



Red (50%)

Yellow (51%)

Blue (62%)

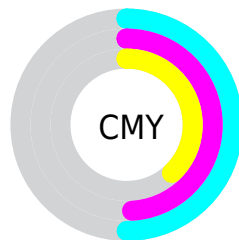


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (38%)



Cyan (50%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9545, 23.1789, 35.1624 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 22.9545, 23.1789, 35.1624 by changing the saturation by 10% instead.

■ 22.9545, 23.1789,
35.1624

■ 22.9545, 23.1789,
35.1624

260.0309,
268.6425, 340.2106

■ 14.6804, 14.7257,
23.5034

■ 47.7858, 48.6869,
68.8917

■ 8.6803, 8.6271,
14.7569

■ 65.0738, 66.5105,
91.7991

■ 4.5887, 4.4987,
8.5042

■ 86.0970, 88.2263,
119.2931

■ 2.0402, 1.9563,
4.3269

111.2210,
114.2187, 151.7922

■ 0.6564, 0.5819,
1.8063

140.8110,
144.8721, 189.7150

■ 0.0000, 0.0000,
0.4321

175.2324,

■ 0.0000, 0.0000,

180.5710, 233.4799

0.0000

214.8506,
221.6997, 283.5056

■ 22.9545, 23.1789,
35.1624

■ 22.9545, 23.1789,
35.1624

■ 19.0870, 18.6486,
34.4922

■ 27.4278, 28.3789,
35.9307

■ 15.7972, 14.7580,
33.9146

■ 32.5293, 34.2715,
36.7992

■ 13.0575, 11.4789,
33.4261

■ 38.2828, 40.8819,
37.7719

■ 10.8378, 8.7800,
33.0221

■ 44.7103, 48.2332,
38.8521

■ 9.1045, 6.6268,
32.6979

■ 51.8327, 56.3475,
40.0429

■ 7.8204, 4.9817,
32.4480

■ 59.6702, 65.2460,
41.3474

■ 6.9425, 3.8017,
32.2665

■ 68.2418, 74.9489,
42.7685

■ 6.3932, 3.0231,
32.1452

■ 77.5661, 85.4760,
44.3090

■ 6.3529, 2.9684,
32.1368

■ 82.5962, 94.2350,
45.7345

Harmonies

Analogous

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



21.2834, 23.1789, 35.3110



22.9545, 23.1789, 35.1624



24.4483, 23.1789, 32.1466

Triad

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



22.9545, 23.1789, 35.1624



24.3269, 23.1789, 19.1262



19.0453, 23.1789, 23.1339

Complementary

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



22.9545, 23.1789, 35.1624



29.1269, 31.4830, 24.6210

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.



19.7783, 23.1789, 19.3975



22.9545, 23.1789, 35.1624



22.7956, 23.1789, 17.2896

Square

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



22.9545, 23.1789, 35.1624



25.2677, 23.1789, 22.7176



21.1323, 23.1789, 17.3822



19.0830, 23.1789, 27.9380

Rectangle

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



22.9545, 23.1789, 35.1624



25.1175, 23.1789, 29.1105



21.1323, 23.1789, 17.3822



19.2080, 23.1789, 21.7250

Sweetspot

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



22.9552, 23.1798, 35.1629



51.7334, 53.8484, 64.7939



26.5184, 30.9098, 34.4899



11.2688, 11.7162, 14.2379



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.9552, 23.1798, 35.1629



37.9765, 37.8502, 62.4310



24.0744, 22.9744, 35.0643



6.3526, 6.5709, 8.3402



5.1764, 2.4444, 26.1062



0.1105, 0.0796, 0.4728

Inverse Universe

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



25.5913, 23.9862, 24.7547



43.6135, 39.6348, 40.1607



27.8313, 31.8036, 24.7512



6.6673, 6.6598, 7.0991



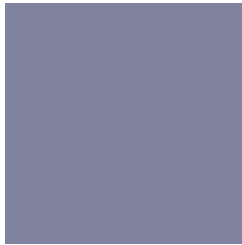
11.4110, 5.8690, 1.1495



0.2131, 0.1086, 0.0683

Previews

White Background



This preview shows how the XYZ color 22.9545, 23.1789, 35.1624 looks on a white background.

Color Contrast Check

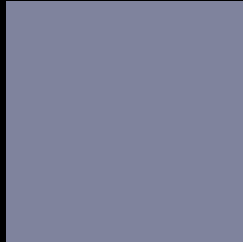
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9545, 23.1789, 35.1624 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 22.9545, 23.1789, 35.1624

Background



This preview shows how black text looks on a background with the XYZ color 22.9545, 23.1789, 35.1624.



This preview shows how white text looks on a background with the XYZ color 22.9545, 23.1789,

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

22.9545, 23.1789, 35.1624

Protanopia

22.9545, 23.1789, 35.1624

Deuteranopia

23.6089, 23.1214, 35.1168



Tritanopia

21.8790, 23.1486, 29.7005

Trichromacy



Original Color

22.9545, 23.1789, 35.1624

Protanomaly

22.9545, 23.1789, 35.1624

Deuteranomaly

23.4285, 23.2249, 35.1463

Tritanomaly

22.2803, 23.1081, 31.7198

Monochromacy



Original Color

22.9545, 23.1789, 35.1624

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.4938, 23.2808, 28.8993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9545, 23.1789, 35.1624 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(127, 131, 157)` looks like.

```
.text, #text, p{  
    color:rgb(127, 131, 157)  
}
```

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(127, 131, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 131, 157) }
```

Border

The CSS property to change the border of an element to XYZ 22.9545, 23.1789, 35.1624 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(127, 131, 157) }
```


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

```
.border{ border-color:rgb(127, 131, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 131, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 131, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 131, 157);  
box-shadow:4px 4px 4px 4px rgb(127, 131,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9545, 23.1789, 35.1624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 131, 157) }
```

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

```
.background{ background-color: rgb(127,  
131, 157) }
```

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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