

Converting Colors

XYZ(23.3623, 25.1504, 35.6519)

Have a look what the booklet for
XYZ(23.3623, 25.1504, 35.6519)
contains.

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Color

**XYZ(23.2036, 24.9645,
35.4940)**

Conversions

Conversions Part 1

Format	Color
Hex	798B9D
RGB	121, 139, 157
RGB Percent	47%, 55%, 62%
CMY	0.5255, 0.4549, 0.3843
CMYK	0.23, 0.11, 0.00, 0.38
HSL	210°, 16%, 55%
HSV	210°, 23%, 62%
XYZ	23.2036, 24.9645, 35.4940
YIQ	135.6700, -16.5060, 1.7820

Conversions

Conversions Part 2

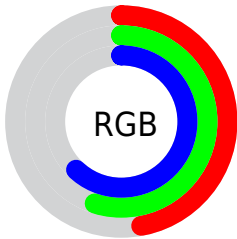
Format	Color
R_{YB}	121, 133, 157
Decimal	7965597
CIE _{Lab}	57.04, -2.34, -11.71
CIE _{LCh}	57, 11.944, 258.718
Yxy	24.9645, 0.2773, 0.2984
Android (android.graphics.Color)	4286155677 (0xFF798B9D)
YUV	135.6700, 10.5157, -12.8656
Hunter-Lab	49.9645, -4.5421, -7.1436

Details

The XYZ color **23.2036, 24.9645, 35.4940** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5888, 27.0140, 21.9026**, and the grayscale version is **23.2454, 24.4560, 26.6326**.

A 20% lighter version of the original color is **48.1889, 51.4514, 69.6786**, and **8.8464, 9.5631, 15.0153** is the 20% darker color. If you saturate the color by 10%, you get **20.0840, 21.7298, 35.0345**, and if you desaturate by 10%, it is **26.7644, 28.5491, 35.9986**.

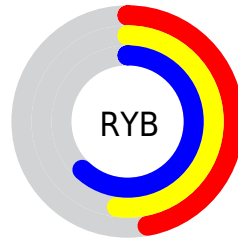
Distribution



Red (47%)

Green (55%)

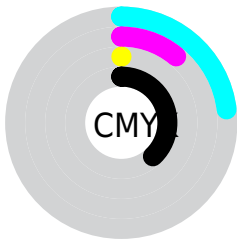
Blue (62%)



Red (47%)

Yellow (52%)

Blue (62%)

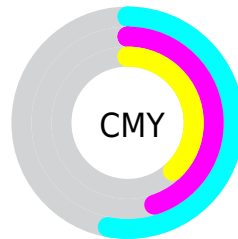


Cyan (23%)

Magenta (11%)

Yellow (0%)

Black (38%)



Cyan (53%)

Magenta (45%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2036, 24.9645, 35.4940 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 23.2036, 24.9645, 35.4940 by changing the saturation by 10% instead.

■ 23.2036, 24.9645,
35.4940

■ 23.2036, 24.9645,
35.4940

261.2849,
277.6611, 341.7137

■ 14.8654, 16.0506,
23.7571

■ 48.1916, 51.5996,
69.4106

■ 8.8107, 9.5600,
14.9430

■ 65.5722, 70.0897,
92.4273

■ 4.6740, 5.1082,
8.6332

■ 86.6976, 92.5405,
120.0410

■ 2.0901, 2.3109,
4.4092

111.9332,
119.3366, 152.6703

■ 0.6838, 0.7795,
1.8524

141.6444,
150.8623, 190.7337

■ 0.0000, 0.0000,
0.4622

176.1965,

■ 0.0000, 0.0000,

187.5020, 234.6497

0.0000

215.9549,
229.6402, 284.8369

■ 23.2036, 24.9645,
35.4940

■ 23.2036, 24.9645,
35.4940

■ 20.0840, 21.7298,
35.0345

■ 26.7644, 28.5491,
35.9986

■ 17.3844, 18.8295,
34.6169

■ 30.7820, 32.4922,
36.5480

■ 15.0851, 16.2517,
34.2406

■ 35.2738, 36.8057,
37.1438

■ 13.1636, 13.9819,
33.9037

■ 40.2557, 41.5002,
37.7874

■ 11.5951, 12.0048,
33.6048

■ 45.7429, 46.5858,
38.4798

■ 10.3517, 10.3027,
33.3418

■ 51.7497, 52.0719,
39.2221

■ 9.4000, 8.8556,
33.1126

■ 58.2899, 57.9680,
40.0155

■ 8.8464, 7.9554,
32.9680

■ 65.3770, 64.2830,
40.8609

■ 70.2857, 69.6139,
41.6311

Harmonies

Analogous

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



21.9905, 24.9645, 33.4181



23.2036, 24.9645, 35.4940



24.6052, 24.9645, 35.1848

Triad

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



23.2036, 24.9645, 35.4940



26.3787, 24.9645, 24.7749



21.7560, 24.9645, 22.3921

Complementary

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



23.2036, 24.9645, 35.4940



26.5888, 27.0140, 21.9026

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.



22.8719, 24.9645, 20.4954



23.2036, 24.9645, 35.4940



25.5547, 24.9645, 21.7746

Square

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



23.2036, 24.9645, 35.4940



26.4761, 24.9645, 28.7234



24.2603, 24.9645, 20.2811



21.1770, 24.9645, 25.6969

Rectangle

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



23.2036, 24.9645, 35.4940



25.4575, 24.9645, 33.6740



24.2603, 24.9645, 20.2811



22.0786, 24.9645, 21.5833

Sweetspot

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



23.2044, 24.9655, 35.4946



51.9990, 55.1400, 65.0292



24.5592, 30.0260, 28.6986



11.3582, 12.0510, 14.2978



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.



23.2044, 24.9655, 35.4946



38.3264, 41.3839, 63.0946



20.8821, 20.3210, 34.7205



6.5450, 6.9558, 8.4043



7.2219, 6.5353, 26.7880



0.1714, 0.2014, 0.4931

Inverse Universe

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



25.4028, 22.7076, 27.4713



43.0983, 36.7801, 45.6132



29.3120, 32.4605, 22.8104



6.7644, 6.6987, 7.6106



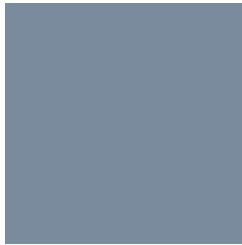
12.4435, 6.2820, 6.5864



0.2438, 0.1209, 0.2302

Previews

White Background



This preview shows how the XYZ color 23.2036, 24.9645, 35.4940 looks on a white background.

Color Contrast Check

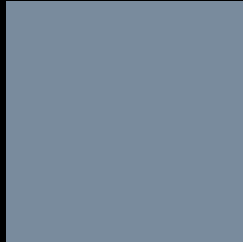
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2036, 24.9645, 35.4940 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

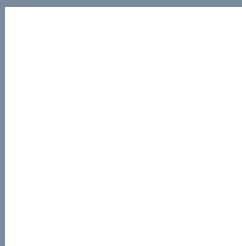
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.2036, 24.9645, 35.4940

Background



This preview shows how black text looks on a background with the XYZ color 23.2036, 24.9645, 35.4940.



This preview shows how white text looks on a background with the XYZ color 23.2036, 24.9645,

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

23.2036, 24.9645, 35.4940

Protanopia

24.5521, 25.0432, 34.5501

Deuteranopia

25.3743, 24.8191, 35.8010



Tritanopia

22.7097, 24.9836, 32.9035

Trichromacy



Original Color

23.2036, 24.9645, 35.4940

Protanomaly

23.9997, 24.9587, 35.0051

Deuteranomaly

24.5084, 24.7831, 35.8396

Tritanomaly

22.8736, 25.0491, 33.7664

Monochromacy



Original Color

23.2036, 24.9645, 35.4940

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.3398, 24.7302, 29.9288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2036, 24.9645, 35.4940 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(121, 139, 157)` looks like.

```
.text, #text, p{  
    color:rgb(121, 139, 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(121, 139, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 139, 157) }
```

Border

The CSS property to change the border of an element to XYZ 23.2036, 24.9645, 35.4940 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(121, 139, 157) }
```


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

```
.border{ border-color:rgb(121, 139, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 139, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 139, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 139, 157);  
box-shadow:4px 4px 4px 4px rgb(121, 139,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2036, 24.9645, 35.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 139, 157) }
```

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

```
.background{ background-color: rgb(121,  
139, 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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