

Converting Colors

XYZ(23.3261, 26.7756, 32.1749)

Have a look what the booklet for
XYZ(23.3261, 26.7756, 32.1749)
contains.

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Color

**XYZ(23.4663, 26.9593,
32.4006)**

Conversions

Conversions Part 1

Format	Color
Hex	779395
RGB	119, 147, 149
RGB Percent	47%, 58%, 58%
CMY	0.5333, 0.4235, 0.4157
CMYK	0.20, 0.01, 0.00, 0.42
HSL	184°, 12%, 53%
HSV	184°, 20%, 58%
XYZ	23.4663, 26.9593, 32.4006
YIQ	138.8560, -17.3300, -5.3140

Conversions

Conversions Part 2

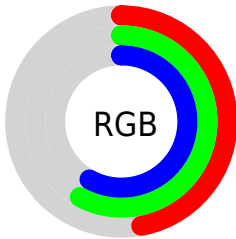
Format	Color
R_{YB}	119, 133, 149
Decimal	7836565
CIE _{Lab}	58.94, -9.33, -4.32
CIE _{LCh}	59, 10.286, 204.854
Yxy	26.9593, 0.2833, 0.3255
Android (android.graphics.Color)	4286026645 (0xFF779395)
YUV	138.8560, 5.0010, -17.4137
Hunter-Lab	51.9223, -10.1910, -0.6525

Details

The XYZ color **23.4663, 26.9593, 32.4006** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.5618, 21.3963, 20.3941**, and the grayscale version is **24.4720, 25.7464, 28.0379**.

A 20% lighter version of the original color is **48.6794, 54.8557, 64.5225**, and **8.9133, 10.5497, 13.1218** is the 20% darker color. If you saturate the color by 10%, you get **21.4262, 25.6802, 32.2617**, and if you desaturate by 10%, it is **25.8300, 28.4086, 32.5562**.

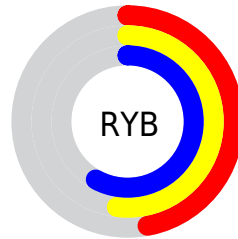
Distribution



Red (47%)

Green (58%)

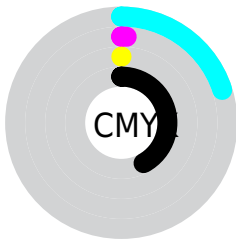
Blue (58%)



Red (47%)

Yellow (52%)

Blue (58%)

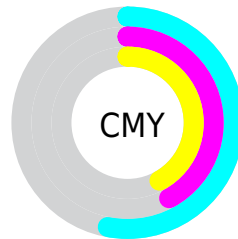


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (42%)



Cyan (53%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4663, 26.9593, 32.4006 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 23.4663, 26.9593, 32.4006 by changing the saturation by 10% instead.

■ 23.4663, 26.9593,
32.4006

■ 23.4663, 26.9593,
32.4006

262.6019,
287.4600, 327.4889

■ 15.0608, 17.5427,
21.4003

■ 48.6189, 54.8186,
64.5438

■ 8.9486, 10.6221,
13.2228

■ 66.0967, 74.0299,
86.5237

■ 4.7645, 5.8134,
7.4497

■ 87.3293, 97.2751,
113.0007

■ 2.1431, 2.7319,
3.6622

112.6821,
124.9383, 144.3931

■ 0.7125, 0.9934,
1.4419

142.5204,
157.4040, 181.1196

■ 0.0000, 0.0000,
0.1741

177.2095,

■ 0.0000, 0.0000,

195.0566, 223.5987

0.0000

217.1149,
238.2804, 272.2490

■ 23.4663, 26.9593,
32.4006

■ 23.4663, 26.9593,
32.4006

■ 21.4262, 25.6802,
32.2617

■ 25.8300, 28.4086,
32.5562

■ 19.6923, 24.5602,
32.1369

■ 28.5287, 30.0319,
32.7273

■ 18.2494, 23.5922,
32.0261

■ 31.5765, 31.8371,
32.9151

■ 17.0799, 22.7671,
31.9285

■ 34.9857, 33.8307,
33.1202

■ 16.1644, 22.0749,
31.8431

■ 38.7680, 36.0186,
33.3432

■ 15.4808, 21.5042,
31.7690

■ 42.9348, 38.4067,
33.5845

■ 15.0034, 21.0417,
31.7049

■ 47.4969, 41.0006,
33.8447

■ 14.6687, 20.6576,
31.6484

■ 52.4645, 43.8055,
34.1243

■ 57.8477, 46.8267,
34.4237

Harmonies

Analogous

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



23.2624, 26.9593, 28.7298



23.4663, 26.9593, 32.4006



24.2405, 26.9593, 35.4682

Triad

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



23.4663, 26.9593, 32.4006



27.6783, 26.9593, 33.5778



25.8442, 26.9593, 22.9105

Complementary

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



23.4663, 26.9593, 32.4006



22.5618, 21.3963, 20.3941

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.



27.0592, 26.9593, 23.9864



23.4663, 26.9593, 32.4006



28.1403, 26.9593, 29.9874

Square

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



23.4663, 26.9593, 32.4006



26.6668, 26.9593, 36.1863



27.9101, 26.9593, 26.5048



24.6088, 26.9593, 23.4410

Rectangle

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



23.4663, 26.9593, 32.4006



24.9897, 26.9593, 36.6549



27.9101, 26.9593, 26.5048



26.2689, 26.9593, 23.0934

Sweetspot

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



23.4671, 26.9604, 32.4012



48.1228, 52.0033, 58.4226



21.7763, 26.7856, 21.9518



10.6047, 11.4885, 12.9434



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.4671, 26.9604, 32.4012



40.3654, 47.2476, 57.9135



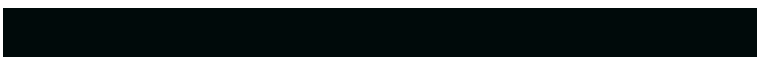
21.3523, 22.7309, 31.6963



5.9314, 6.4968, 7.4111



12.3541, 17.4031, 26.6390



0.1592, 0.2290, 0.3287

Inverse Universe

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



24.2583, 21.6904, 30.5131



42.0466, 36.1485, 53.8799



24.4586, 25.1898, 21.0264



6.0188, 5.9026, 7.2052



14.3629, 6.9502, 21.1897



0.1798, 0.0867, 0.2806

Previews

White Background



This preview shows how the XYZ color 23.4663, 26.9593, 32.4006 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 23.4663, 26.9593, 32.4006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

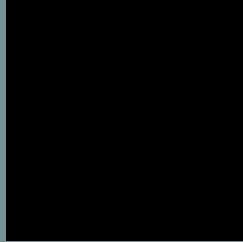
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4663, 26.9593, 32.4006

Background



This preview shows how black text looks on a background with the XYZ color 23.4663, 26.9593, 32.4006.

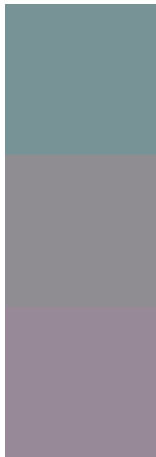


This preview shows how white text looks on a background with the XYZ color 23.4663, 26.9593,

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

23.4663, 26.9593, 32.4006

Protanopia

25.9634, 26.9337, 30.6184

Deuteranopia

27.2941, 26.7050, 32.9942



Tritanopia

24.2498, 27.0570, 35.8427

Trichromacy



Original Color

23.4663, 26.9593, 32.4006

Protanomaly

24.8423, 26.7886, 31.0555

Deuteranomaly

25.6774, 26.7407, 32.6623

Tritanomaly

23.8573, 26.8839, 34.5036

Monochromacy



Original Color

23.4663, 26.9593, 32.4006

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1466, 26.2347, 29.7777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4663, 26.9593, 32.4006 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(119, 147, 149)` looks like.

```
.text, #text, p{  
    color:rgb(119, 147, 149)  
}
```

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(119, 147, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 147, 149) }
```

Border

The CSS property to change the border of an element to XYZ 23.4663, 26.9593, 32.4006 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(119, 147, 149) }
```


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

```
.border{ border-color:rgb(119, 147, 149) }
```

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

Here you see how a box with a 4 pixel rgb(119, 147, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 147, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 147, 149);  
box-shadow:4px 4px 4px 4px rgb(119, 147,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4663, 26.9593, 32.4006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 147, 149) }
```

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

```
.background{ background-color: rgb(119,  
147, 149) }
```

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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