

Converting Colors

XYZ(23.5510, 27.5166, 32.3431)

Have a look what the booklet for
XYZ(23.5510, 27.5166, 32.3431)
contains.

XYZ(23.5084, 27.4467, 32.4925)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.5084, 27.4467,
32.4925)**

Conversions

Conversions Part 1

Format	Color
Hex	759595
RGB	117, 149, 149
RGB Percent	46%, 58%, 58%
CMY	0.5412, 0.4157, 0.4157
CMYK	0.21, 0.00, 0.00, 0.42
HSL	180°, 13%, 52%
HSV	180°, 21%, 58%
XYZ	23.5084, 27.4467, 32.4925
YIQ	139.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

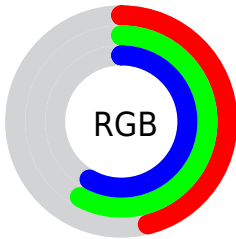
Format	Color
R_{YB}	117, 133, 149
Decimal	7706005
CIE _{Lab}	59.39, -11.08, -3.68
CIE _{LCh}	59, 11.675, 198.351
Yxy	27.4467, 0.2817, 0.3289
Android (android.graphics.Color)	4285896085 (0xFF759595)
YUV	139.4320, 4.7170, -19.6729
Hunter-Lab	52.3896, -11.5848, -0.0995

Details

The XYZ color **23.5084, 27.4467, 32.4925** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.9676, 20.3973, 19.6101**, and the grayscale version is **24.6955, 25.9815, 28.2939**.

A 20% lighter version of the original color is **48.7130, 55.5697, 64.6585**, and **8.9562, 10.8462, 13.1767** is the 20% darker color. If you saturate the color by 10%, you get **21.6638, 26.4965, 32.4064**, and if you desaturate by 10%, it is **25.6733, 28.5635, 32.5948**.

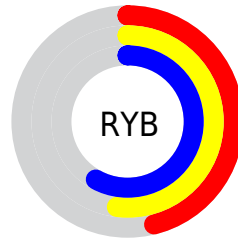
Distribution



Red (46%)

Green (58%)

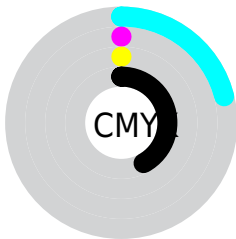
Blue (58%)



Red (46%)

Yellow (52%)

Blue (58%)

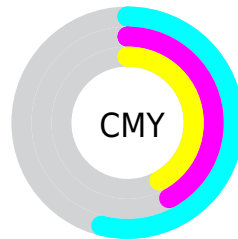


Cyan (21%)

Magenta (0%)

Yellow (0%)

Black (42%)



Cyan (54%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5084, 27.4467, 32.4925 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 23.5084, 27.4467, 32.4925 by changing the saturation by 10% instead.

■ 23.5084, 27.4467,
32.4925

■ 23.5084, 27.4467,
32.4925

262.8124,
289.8135, 327.9183

■ 15.0921, 17.9090,
21.4700

■ 48.6873, 55.5999,
64.6892

■ 8.9708, 10.8847,
13.2734

■ 66.1807, 74.9841,
86.7006

■ 4.7791, 5.9893,
7.4842

■ 87.4304, 98.4193,
113.2119

■ 2.1517, 2.8386,
3.6837

112.8019,
126.2898, 144.6419

■ 0.7171, 1.0481,
1.4535

142.6605,
158.9801, 181.4090

■ 0.0000, 0.0000,
0.1829

177.3715,

■ 0.0000, 0.0000,

196.8746, 223.9317

0.0000

217.3004,
240.3576, 272.6286

■ 23.5084, 27.4467,
32.4925

■ 23.5084, 27.4467,
32.4925

■ 21.6638, 26.4965,
32.4064

■ 25.6733, 28.5635,
32.5948

■ 20.1220, 25.7017,
32.3339

■ 28.1702, 29.8506,
32.7120

■ 18.8676, 25.0550,
32.2748

■ 31.0130, 31.3162,
32.8454

■ 17.8828, 24.5474,
32.2284

■ 34.2143, 32.9665,
32.9955

■ 17.1479, 24.1685,
32.1936

■ 37.7858, 34.8077,
33.1630

■ 16.6404, 23.9069,
32.1695

■ 41.7391, 36.8456,
33.3484

■ 16.3339, 23.7489,
32.1548

■ 46.0847, 39.0859,
33.5521

■ 16.1723, 23.6656,
32.1470

■ 50.8333, 41.5339,
33.7747

■ 55.9948, 44.1947,
34.0166

Harmonies

Analogous

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



23.4291, 27.4467, 28.2881



23.5084, 27.4467, 32.4925



24.2629, 27.4467, 36.3150

Triad

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



23.5084, 27.4467, 32.4925



28.2453, 27.4467, 35.5623



26.6592, 27.4467, 22.6713

Complementary

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



23.5084, 27.4467, 32.4925



21.9676, 20.3973, 19.6101

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.



28.0009, 27.4467, 24.2623



23.5084, 27.4467, 32.4925



28.9392, 27.4467, 31.5405

Square

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



23.5084, 27.4467, 32.4925



26.9826, 27.4467, 38.1983



28.8482, 27.4467, 27.4205



25.2120, 27.4467, 22.8745

Rectangle

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



23.5084, 27.4467, 32.4925



25.0636, 27.4467, 38.0119



28.8482, 27.4467, 27.4205



27.1384, 27.4467, 23.0074

Sweetspot

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



23.5092, 27.4478, 32.4931



48.2944, 52.3467, 58.4794



21.3672, 26.5993, 20.8383



10.6463, 11.5716, 12.9572



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.



23.5092, 27.4478, 32.4931



40.3613, 48.2570, 58.1068



21.2225, 22.8742, 31.7316



5.9641, 6.5622, 7.4220



13.6107, 19.9171, 27.0551



0.1666, 0.2438, 0.3312

Inverse Universe

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



21.9676, 20.3973, 19.6101



37.0707, 33.2075, 30.6075



23.9210, 24.3043, 20.2607



5.8008, 5.8154, 6.0573



10.4317, 5.3777, 0.4884



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 23.5084, 27.4467, 32.4925 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 23.5084, 27.4467, 32.4925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

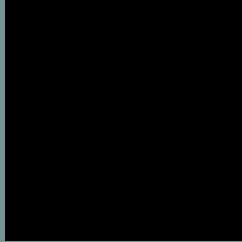
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

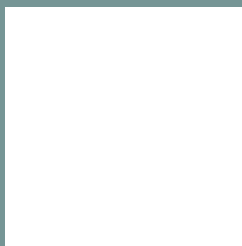
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5084, 27.4467, 32.4925

Background



This preview shows how black text looks on a background with the XYZ color 23.5084, 27.4467, 32.4925.

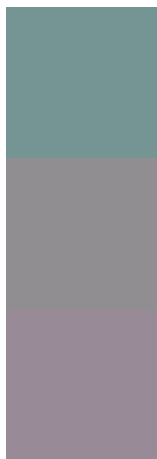


This preview shows how white text looks on a background with the XYZ color 23.5084, 27.4467,

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

23.5084, 27.4467, 32.4925

Protanopia

26.2854, 27.3196, 30.6759

Deuteranopia

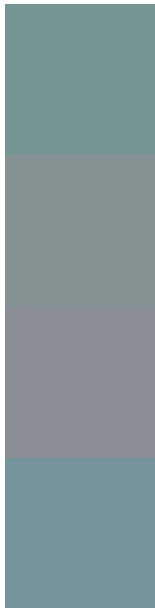
27.8113, 27.1836, 33.0593



Tritanopia

24.2995, 27.2926, 36.7882

Trichromacy



Original Color

23.5084, 27.4467, 32.4925

Protanomaly

25.1452, 27.3945, 31.1565

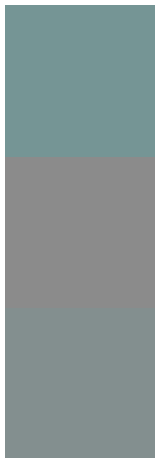
Deuteranomaly

25.9932, 27.1235, 32.7195

Tritanomaly

23.9775, 27.3979, 35.0349

Monochromacy



Original Color

23.5084, 27.4467, 32.4925

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1405, 26.4534, 29.8203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5084, 27.4467, 32.4925 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(117, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(117, 149, 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(117, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 149, 149) }
```

Border

The CSS property to change the border of an element to XYZ 23.5084, 27.4467, 32.4925 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(117, 149, 149) }
```


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

```
.border{ border-color:rgb(117, 149, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 149, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 149, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 149, 149);  
box-shadow:4px 4px 4px 4px rgb(117, 149,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5084, 27.4467, 32.4925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 149, 149) }
```

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

```
.background{ background-color: rgb(117,  
149, 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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