

Converting Colors

XYZ(23.4954, 26.6856, 33.6864)

Have a look what the booklet for
XYZ(23.4954, 26.6856, 33.6864)
contains.

XYZ(23.5541, 26.7467, 33.6270)	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(23.5541, 26.7467,
33.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	779298
RGB	119, 146, 152
RGB Percent	47%, 57%, 60%
CMY	0.5333, 0.4274, 0.4039
CMYK	0.22, 0.04, 0.00, 0.40
HSL	191°, 14%, 53%
HSV	191°, 22%, 60%
XYZ	23.5541, 26.7467, 33.6270
YIQ	138.6110, -18.0180, -3.8580

Conversions

Conversions Part 2

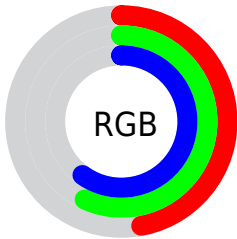
Format	Color
R_{YB}	119, 134, 152
Decimal	7836312
CIE _{Lab}	58.74, -8.09, -6.33
CIE _{LCh}	59, 10.272, 218.027
Yxy	26.7467, 0.2806, 0.3187
Android (android.graphics.Color)	4286026392 (0xFF779298)
YUV	138.6110, 6.6008, -17.1988
Hunter-Lab	51.7172, -9.2090, -2.3488

Details

The XYZ color **23.5541, 26.7467, 33.6270** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.6125, 22.6745, 20.5853**, and the grayscale version is **24.3722, 25.6414, 27.9235**.

A 20% lighter version of the original color is **48.8081, 54.5354, 66.3464**, and **9.0576, 10.6074, 13.8820** is the 20% darker color. If you saturate the color by 10%, you get **21.2120, 24.9154, 33.3974**, and if you desaturate by 10%, it is **26.2417, 28.7728, 33.8769**.

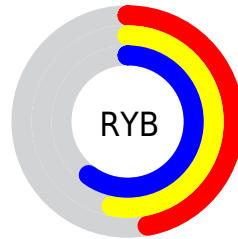
Distribution



Red (47%)

Green (57%)

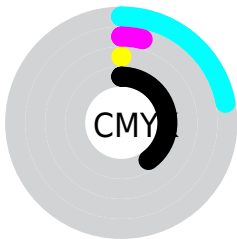
Blue (60%)



Red (47%)

Yellow (53%)

Blue (60%)

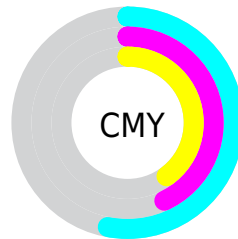


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (40%)



Cyan (53%)

Magenta (43%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5541, 26.7467, 33.6270 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 23.5541, 26.7467, 33.6270 by changing the saturation by 10% instead.

■ 23.5541, 26.7467,
33.6270

■ 23.5541, 26.7467,
33.6270

263.0409,
286.4286, 333.1839

■ 15.1261, 17.3831,
22.3322

■ 48.7616, 54.4771,
66.4805

■ 8.9948, 10.5080,
13.9005

■ 66.2718, 73.6127,
88.8761

■ 4.7949, 5.7371,
7.9136

■ 87.5401, 96.7745,
115.8092

■ 2.1609, 2.6859,
3.9527

112.9319,
124.3467, 147.6982

■ 0.7220, 0.9700,
1.5994

142.8125,
156.7138, 184.9616

■ 0.0000, 0.0000,
0.2904

177.5473,

■ 0.0000, 0.0000,

194.2602, 228.0180

0.0000

217.5016,
237.3704, 277.2859

■ 23.5541, 26.7467,
33.6270

■ 23.5541, 26.7467,
33.6270

■ 21.2120, 24.9154,
33.3974

■ 26.2417, 28.7728,
33.8769

■ 19.1973, 23.2672,
33.1855

■ 29.2873, 30.9982,
34.1459

■ 17.4933, 21.7944,
32.9910

■ 32.7057, 33.4312,
34.4353

■ 16.0815, 20.4872,
32.8131

■ 36.5100, 36.0788,
34.7459

■ 14.9408, 19.3345,
32.6507

■ 40.7129, 38.9476,
35.0781

■ 14.0476, 18.3242,
32.5028

■ 45.3262, 42.0437,
35.4325

■ 13.3737, 17.4416,
32.3679

■ 50.3615, 45.3733,
35.8098

■ 12.9221, 16.7761,
32.2633

■ 55.8297, 48.9420,
36.2105

■ 61.4456, 52.6030,
36.6211

Harmonies

Analogous

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



23.0892, 26.7467, 30.1060



23.5541, 26.7467, 33.6270



24.5229, 26.7467, 36.0703

Triad

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



23.5541, 26.7467, 33.6270



27.7444, 26.7467, 31.8070



25.0839, 26.7467, 22.7565

Complementary

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



23.5541, 26.7467, 33.6270



23.6125, 22.6745, 20.5853

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.



26.3427, 26.7467, 23.1298



23.5541, 26.7467, 33.6270



27.9067, 26.7467, 28.1609

Square

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



23.5541, 26.7467, 33.6270



26.9496, 26.7467, 34.9603



27.3860, 26.7467, 25.0396



23.9531, 26.7467, 23.9739

Rectangle

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



23.5541, 26.7467, 33.6270



25.3383, 26.7467, 36.6521



27.3860, 26.7467, 25.0396



25.5058, 26.7467, 22.7021

Sweetspot

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



23.5549, 26.7478, 33.6276



48.6972, 52.5381, 60.0079



22.5062, 27.8468, 23.4242



11.0050, 11.8949, 13.6334



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.5549, 26.7478, 33.6276



39.5189, 45.6192, 59.1562



21.2583, 22.1547, 32.8621



6.2891, 6.8355, 7.9169



10.8553, 14.1072, 27.0585



0.1843, 0.2549, 0.4119

Inverse Universe

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



24.7346, 21.9449, 30.1275



42.0045, 35.7160, 51.7335



25.8040, 27.0576, 21.3158



6.4130, 6.3044, 7.5551



13.9380, 6.8294, 16.7304



0.2195, 0.1065, 0.3086

Previews

White Background



This preview shows how the XYZ color 23.5541, 26.7467, 33.6270 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 23.5541, 26.7467, 33.6270 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

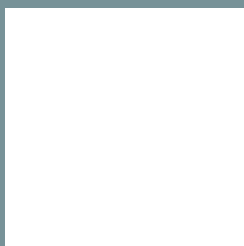
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5541, 26.7467, 33.6270

Background



This preview shows how black text looks on a background with the XYZ color 23.5541, 26.7467, 33.6270.

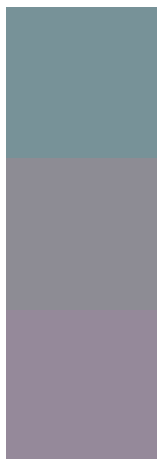


This preview shows how white text looks on a background with the XYZ color 23.5541, 26.7467,

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

23.5541, 26.7467, 33.6270

Protanopia

25.7079, 26.5570, 31.7880

Deuteranopia

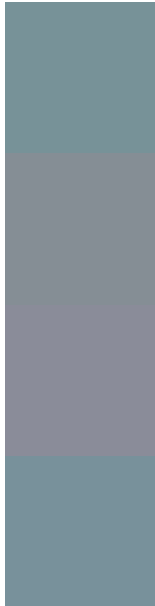
27.1728, 26.6140, 34.2767



Tritanopia

23.9569, 26.6782, 35.7850

Trichromacy



Original Color

23.5541, 26.7467, 33.6270

Protanomaly

24.7707, 26.5025, 32.2437

Deuteranomaly

25.6091, 26.4593, 33.8944

Tritanomaly

23.7875, 26.6104, 34.8929

Monochromacy



Original Color

23.5541, 26.7467, 33.6270

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2228, 26.2652, 30.1786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5541, 26.7467, 33.6270 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, 146, 152)` looks like.

```
.text, #text, p{  
    color:rgb(119, 146, 152)  
}
```

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, 146, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 146, 152) }
```

Border

The CSS property to change the border of an element to XYZ 23.5541, 26.7467, 33.6270 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, 146, 152) }
```


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

```
.border{ border-color:rgb(119, 146, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 146, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 146, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 146, 152);  
box-shadow:4px 4px 4px 4px rgb(119, 146,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5541, 26.7467, 33.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 146, 152) }
```

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

```
.background{ background-color: rgb(119,  
146, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor