

Converting Colors

XYZ(23.6808, 26.1562, 35.7008)

Have a look what the booklet for
XYZ(23.6808, 26.1562, 35.7008)
contains.

XYZ(23.6540, 26.0723, 35.6840)	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(23.6540, 26.0723,
35.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	788F9D
RGB	120, 143, 157
RGB Percent	47%, 56%, 62%
CMY	0.5294, 0.4392, 0.3843
CMYK	0.24, 0.09, 0.00, 0.38
HSL	203°, 16%, 54%
HSV	203°, 24%, 62%
XYZ	23.6540, 26.0723, 35.6840
YIQ	137.7190, -18.2020, -0.5220

Conversions

Conversions Part 2

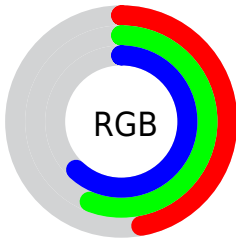
Format	Color
R_YB	120, 134, 157
Decimal	7901085
CIE _{Lab}	58.11, -4.92, -10.12
CIE _{LCh}	58, 11.253, 244.090
Yxy	26.0723, 0.2769, 0.3053
Android (android.graphics.Color)	4286091165 (0xFF788F9D)
YUV	137.7190, 9.5055, -15.5396
Hunter-Lab	51.0610, -6.6668, -5.6921

Details

The XYZ color **23.6540, 26.0723, 35.6840** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8202, 25.5745, 21.3455**, and the grayscale version is **24.0210, 25.2720, 27.5212**.

A 20% lighter version of the original color is **49.0835, 53.5702, 70.0405**, and **9.1144, 10.2089, 15.1258** is the 20% darker color. If you saturate the color by 10%, you get **20.7845, 23.3047, 35.3015**, and if you desaturate by 10%, it is **26.9293, 29.1205, 36.1002**.

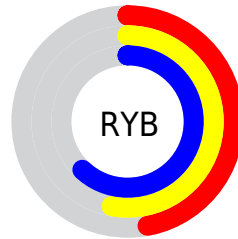
Distribution



Red (47%)

Green (56%)

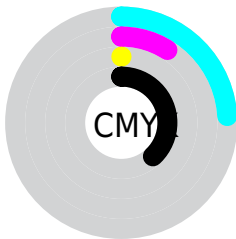
Blue (62%)



Red (47%)

Yellow (53%)

Blue (62%)

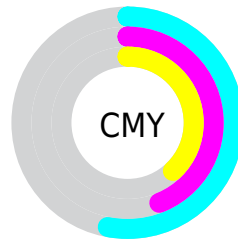


Cyan (24%)

Magenta (9%)

Yellow (0%)

Black (38%)



Cyan (53%)

Magenta (44%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6540, 26.0723, 35.6840 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 23.6540, 26.0723, 35.6840 by changing the saturation by 10% instead.

■ 23.6540, 26.0723,
35.6840

■ 23.6540, 26.0723,
35.6840

263.5396,
283.1368, 342.5728

■ 15.2005, 16.8777,
23.9025

■ 48.9238, 53.3916,
69.7076

■ 9.0475, 10.1474,
15.0498

■ 66.4708, 72.2850,
92.7868

■ 4.8295, 5.4968,
8.7073

■ 87.7796, 95.1803,
120.4689

■ 2.1813, 2.5416,
4.4566

113.2157,
122.4617, 153.1725

■ 0.7329, 0.8974,
1.8790

143.1444,
154.5137, 191.3162

■ 0.0000, 0.0000,
0.4793

177.9311,

■ 0.0000, 0.0000,

191.7206, 235.3184

0.0000

217.9410,
234.4668, 285.5978

■ 23.6540, 26.0723,
35.6840

■ 23.6540, 26.0723,
35.6840

■ 20.7845, 23.3047,
35.3015

■ 26.9293, 29.1205,
36.1002

■ 18.3004, 20.8042,
34.9498

■ 30.6250, 32.4559,
36.5492

■ 16.1829, 18.5606,
34.6283

■ 34.7577, 36.0888,
37.0326

■ 14.4106, 16.5618,
34.3359

■ 39.3426, 40.0279,
37.5513

■ 12.9595, 14.7942,
34.0712

■ 44.3938, 44.2816,
38.1061

■ 11.8025, 13.2427,
33.8327

■ 49.9251, 48.8580,
38.6979

■ 10.9072, 11.8894,
33.6187

■ 55.9495, 53.7646,
39.3274

■ 10.4164, 11.0954,
33.4913

■ 62.4795, 59.0089,
39.9955

■ 67.1702, 63.3830,
40.5926

Harmonies

Analogous

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



22.6745, 26.0723, 32.8036



23.6540, 26.0723, 35.6840



24.9682, 26.0723, 36.5468

Triad

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



23.6540, 26.0723, 35.6840



27.4863, 26.0723, 27.8567



23.3417, 26.0723, 22.6183

Complementary

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



23.6540, 26.0723, 35.6840



25.8202, 25.5745, 21.3455

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.



24.5946, 26.0723, 21.5444



23.6540, 26.0723, 35.6840



27.0139, 26.0723, 24.3881

Square

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



23.6540, 26.0723, 35.6840



27.2123, 26.0723, 31.7937



25.9431, 26.0723, 22.1617



22.4989, 26.0723, 25.2352

Rectangle

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



23.6540, 26.0723, 35.6840



25.8654, 26.0723, 35.8014



25.9431, 26.0723, 22.1617



23.7272, 26.0723, 22.0764

Sweetspot

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



23.6548, 26.0734, 35.6846



52.3953, 55.9326, 65.1613



24.0761, 29.8167, 26.8830



11.4516, 12.2377, 14.3289



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.



23.6548, 26.0734, 35.6846



39.7180, 44.1672, 63.5585



21.1573, 21.0784, 34.8521



6.6108, 7.0874, 8.4263



8.4964, 9.0843, 27.2129



0.1916, 0.2418, 0.4998

Inverse Universe

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



25.5797, 22.5849, 28.9989



43.8007, 37.0610, 49.3122



28.5343, 31.0028, 22.2502



6.7977, 6.7120, 7.7855



13.0868, 6.5393, 9.9739



0.2540, 0.1249, 0.2839

Previews

White Background



This preview shows how the XYZ color 23.6540, 26.0723, 35.6840 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 23.6540, 26.0723, 35.6840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

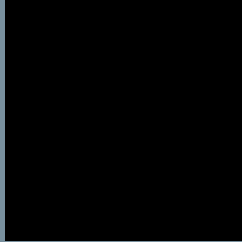
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

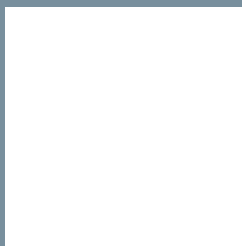
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6540, 26.0723, 35.6840

Background



This preview shows how black text looks on a background with the XYZ color 23.6540, 26.0723, 35.6840.



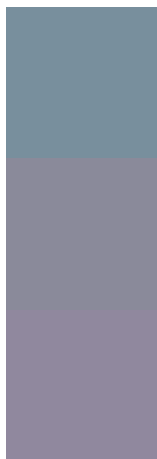
This preview shows how white text looks on a background with the XYZ color 23.6540, 26.0723,

35.6840.

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

23.6540, 26.0723, 35.6840

Protanopia

25.4024, 25.9133, 34.2348

Deuteranopia

26.4773, 26.0062, 35.9720



Tritanopia

23.4846, 26.0045, 34.7920

Trichromacy



Original Color

23.6540, 26.0723, 35.6840

Protanomaly

24.6546, 25.9480, 34.7194

Deuteranomaly

25.3958, 26.0848, 36.0441

Tritanomaly

23.5689, 26.0383, 35.2362

Monochromacy



Original Color

23.6540, 26.0723, 35.6840

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.8490, 25.6258, 30.4774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6540, 26.0723, 35.6840 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(120, 143, 157)` looks like.

```
.text, #text, p{  
    color:rgb(120, 143, 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(120, 143, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 143, 157) }
```

Border

The CSS property to change the border of an element to XYZ 23.6540, 26.0723, 35.6840 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(120, 143, 157) }
```


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

```
.border{ border-color:rgb(120, 143, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 143, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 143, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 143, 157); box-shadow:4px 4px 4px 4px rgb(120, 143, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6540, 26.0723, 35.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 143, 157) }
```

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

```
.background{ background-color: rgb(120,  
143, 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](#).

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