

Converting Colors

XYZ(24.6632, 26.8165, 35.7745)

Have a look what the booklet for
XYZ(24.6632, 26.8165, 35.7745)
contains.

XYZ(24.6632, 26.8165, 35.7745)	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(24.6632, 26.8165,
35.7745)**

Conversions

Conversions Part 1

Format	Color
Hex	7E909D
RGB	126, 144, 157
RGB Percent	49%, 56%, 62%
CMY	0.5059, 0.4353, 0.3843
CMYK	0.20, 0.08, 0.00, 0.38
HSL	205°, 14%, 55%
HSV	205°, 20%, 62%
XYZ	24.6632, 26.8165, 35.7745
YIQ	140.1000, -14.9010, 0.2270

Conversions

Conversions Part 2

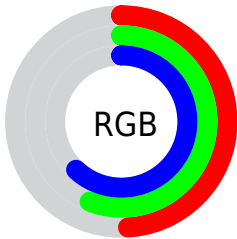
Format	Color
R_{YB}	126, 137, 157
Decimal	8294557
CIE Lab	58.80, -3.52, -9.03
CIE LCh	59, 9.695, 248.728
Yxy	26.8165, 0.2827, 0.3073
Android (android.graphics.Color)	4286484637 (0xFF7E909D)
YUV	140.1000, 8.3317, -12.3657
Hunter-Lab	51.7847, -5.6099, -4.7102

Details

The XYZ color **24.6632, 26.8165, 35.7745** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9032, 27.1394, 23.5595**, and the grayscale version is **24.9395, 26.2383, 28.5735**.

A 20% lighter version of the original color is **50.6682, 54.7253, 70.1799**, and **9.5847, 10.5825, 15.1731** is the 20% darker color. If you saturate the color by 10%, you get **21.5594, 23.7798, 35.3524**, and if you desaturate by 10%, it is **28.1901, 30.1590, 36.2342**.

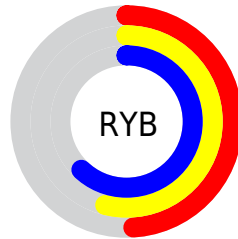
Distribution



Red (49%)

Green (56%)

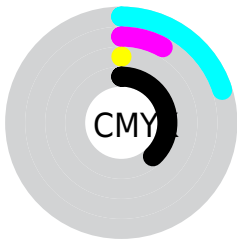
Blue (62%)



Red (49%)

Yellow (54%)

Blue (62%)

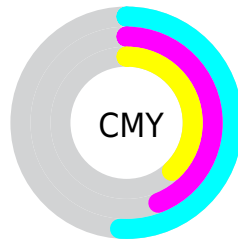


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (44%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6632, 26.8165, 35.7745 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 24.6632, 26.8165, 35.7745 by changing the saturation by 10% instead.

■ 24.6632, 26.8165,
35.7745

■ 24.6632, 26.8165,
35.7745

268.5352,
286.7675, 342.9814

■ 15.9537, 17.4355,
23.9718

■ 50.5571, 54.5893,
69.8490

■ 9.5820, 10.5454,
15.1007

■ 68.4723, 73.7498,
92.9578

■ 5.1829, 5.7621,
8.7427

■ 90.1867, 96.9389,
120.6725

■ 2.3908, 2.7010,
4.4792

116.0657,
124.5410, 153.4114

■ 0.8405, 0.9777,
1.8917

146.4748,
156.9406, 191.5933

■ 0.0000, 0.0000,
0.4875

181.7791,

■ 0.0000, 0.0000,

194.5219, 235.6365

0.0000

222.3441,
237.6694, 285.9597

■ 24.6632, 26.8165,
35.7745

■ 24.6632, 26.8165,
35.7745

■ 21.5594, 23.7798,
35.3524

■ 28.1901, 30.1590,
36.2342

■ 18.8584, 21.0350,
34.9649

■ 32.1545, 33.8140,
36.7308

■ 16.5418, 18.5717,
34.6116

■ 36.5729, 37.7922,
37.2658

■ 14.5886, 16.3776,
34.2910

■ 41.4604, 42.1027,
37.8402

■ 12.9756, 14.4391,
34.0019

■ 46.8312, 46.7542,
38.4549

■ 11.6769, 12.7413,
33.7426

■ 52.6989, 51.7550,
39.1109

■ 10.6619, 11.2666,
33.5115

■ 59.0767, 57.1130,
39.8090

■ 9.8613, 9.9777,
33.3049

■ 65.9770, 62.8361,
40.5499

■ 9.8418, 9.9463,
33.2998

■ 68.7404, 66.5234,
41.1160

Harmonies

Analogous

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



23.7364, 26.8165, 33.5149



24.6632, 26.8165, 35.7745



25.8387, 26.8165, 36.2026

Triad

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



24.6632, 26.8165, 35.7745



27.8290, 26.8165, 28.2108



24.0768, 26.8165, 24.3571

Complementary

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



24.6632, 26.8165, 35.7745



26.9032, 27.1394, 23.5595

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.



25.1410, 26.8165, 23.1618



24.6632, 26.8165, 35.7745



27.3243, 26.8165, 25.2698

Square

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



24.6632, 26.8165, 35.7745



27.6914, 26.8165, 31.6533



26.3316, 26.8165, 23.4824



23.4052, 26.8165, 26.8742

Rectangle

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



24.6632, 26.8165, 35.7745



26.6094, 26.8165, 35.3618



26.3316, 26.8165, 23.4824



24.3991, 26.8165, 23.7967

Sweetspot

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



24.6640, 26.8176, 35.7751



52.9697, 56.3209, 65.2060



25.3157, 30.4116, 28.9303



11.5655, 12.3096, 14.3368



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.



24.6640, 26.8176, 35.7751



41.4554, 45.3942, 63.7038



22.4859, 22.4613, 35.0491



6.5885, 7.0428, 8.4188



8.0305, 8.1525, 27.0576



0.1848, 0.2282, 0.4975

Inverse Universe

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



26.4001, 24.1039, 29.6480



45.2263, 39.7320, 50.3432



29.2954, 31.9239, 24.3569



6.7864, 6.7075, 7.7264



12.8516, 6.4452, 8.7355



0.2506, 0.1236, 0.2658

Previews

White Background



This preview shows how the XYZ color 24.6632, 26.8165, 35.7745 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 24.6632, 26.8165, 35.7745 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

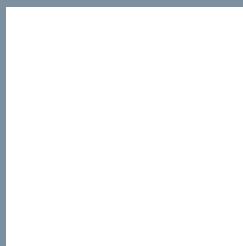
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6632, 26.8165, 35.7745

Background



This preview shows how black text looks on a background with the XYZ color 24.6632, 26.8165, 35.7745.

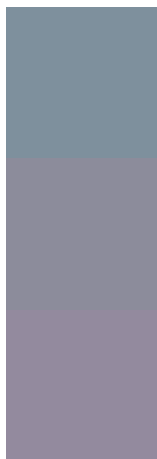


This preview shows how white text looks on a background with the XYZ color 24.6632, 26.8165,

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

24.6632, 26.8165, 35.7745

Protanopia

26.1097, 26.6982, 34.7875

Deuteranopia

27.2927, 26.8486, 36.0916



Tritanopia

24.5782, 26.7824, 35.3266

Trichromacy



Original Color

24.6632, 26.8165, 35.7745

Protanomaly

25.5173, 26.6009, 35.2421

Deuteranomaly

26.1971, 26.7138, 36.1233

Tritanomaly

24.5782, 26.7824, 35.3266

Monochromacy



Original Color

24.6632, 26.8165, 35.7745

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.7049, 26.2760, 30.9638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6632, 26.8165, 35.7745 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(126, 144, 157)` looks like.

```
.text, #text, p{  
    color:rgb(126, 144, 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(126, 144, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 144, 157) }
```

Border

The CSS property to change the border of an element to XYZ 24.6632, 26.8165, 35.7745 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(126, 144, 157) }
```


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

```
.border{ border-color:rgb(126, 144, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 144, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 144, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 144, 157);  
box-shadow:4px 4px 4px 4px rgb(126, 144,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6632, 26.8165, 35.7745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 144, 157) }
```

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

```
.background{ background-color: rgb(126,  
144, 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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