

Converting Colors

XYZ(24.7814, 26.7597, 35.8093)

Have a look what the booklet for
XYZ(24.7814, 26.7597, 35.8093)
contains.

XYZ(24.6607, 26.5913, 35.7312)	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(24.6607, 26.5913,
35.7312)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8F9D
RGB	127, 143, 157
RGB Percent	50%, 56%, 62%
CMY	0.5020, 0.4392, 0.3843
CMYK	0.19, 0.09, 0.00, 0.38
HSL	208°, 13%, 56%
HSV	208°, 19%, 62%
XYZ	24.6607, 26.5913, 35.7312
YIQ	139.8120, -14.0300, 0.9620

Conversions

Conversions Part 2

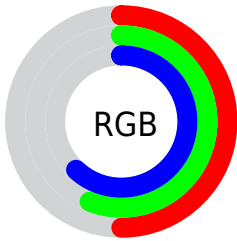
Format	Color
R_{YB}	127, 137, 157
Decimal	8359837
CIE _{Lab}	58.59, -2.62, -9.34
CIE _{LCh}	59, 9.702, 254.314
Yxy	26.5913, 0.2835, 0.3057
Android (android.graphics.Color)	4286549917 (0xFF7F8F9D)
YUV	139.8120, 8.4737, -11.2361
Hunter-Lab	51.5668, -4.8780, -4.9860

Details

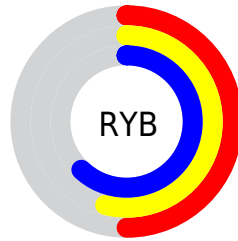
The XYZ color **24.6607, 26.5913, 35.7312** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.2606, 27.7502, 23.9988**, and the grayscale version is **24.8270, 26.1200, 28.4447**.

A 20% lighter version of the original color is **50.6723, 54.3893, 70.1148**, and **9.5764, 10.4471, 15.1474** is the 20% darker color. If you saturate the color by 10%, you get **21.4383, 23.3510, 35.2760**, and if you desaturate by 10%, it is **28.3210, 30.1653, 36.2286**.

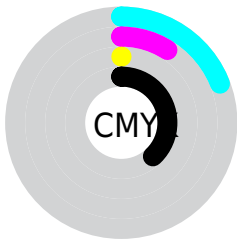
Distribution



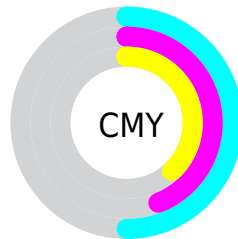
- Red (50%)
- Green (56%)
- Blue (62%)



- Red (50%)
- Yellow (54%)
- Blue (62%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (38%)



- Cyan (50%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6607, 26.5913, 35.7312 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 24.6607, 26.5913, 35.7312 by changing the saturation by 10% instead.

■ 24.6607, 26.5913,
35.7312

■ 24.6607, 26.5913,
35.7312

268.5229,
285.6728, 342.7859

■ 15.9518, 17.2665,
23.9386

■ 50.5531, 54.2273,
69.7813

■ 9.5807, 10.4247,
15.0763

■ 68.4674, 73.3074,
92.8760

■ 5.1820, 5.6814,
8.7257

■ 90.1808, 96.4080,
120.5751

■ 2.3903, 2.6524,
4.4684

116.0587,
123.9135, 153.2971

■ 0.8403, 0.9531,
1.8856

146.4666,
156.2083, 191.4607

■ 0.0000, 0.0000,
0.4836

181.7696,

■ 0.0000, 0.0000,

193.6769, 235.4843

0.0000

222.3333,
236.7036, 285.7866

■ 24.6607, 26.5913,
35.7312

■ 24.6607, 26.5913,
35.7312

■ 21.4383, 23.3510,
35.2760

■ 28.3210, 30.1653,
36.2286

■ 18.6331, 20.4298,
34.8600

■ 32.4337, 34.0804,
36.7675

■ 16.2263, 17.8165,
34.4825

■ 37.0159, 38.3480,
37.3497

■ 14.1969, 15.4981,
34.1419

■ 42.0826, 42.9779,
37.9763

■ 12.5213, 13.4603,
33.8369

■ 47.6486, 47.9793,
38.6483

■ 11.1732, 11.6873,
33.5657

■ 53.7278, 53.3611,
39.3667

■ 10.1220, 10.1608,
33.3265

■ 60.3334, 59.1321,
40.1325

■ 9.3046, 8.8458,
33.1158

■ 67.4784, 65.3006,
40.9465

■ 9.2363, 8.7352,
33.0980

■ 70.1105, 69.2636,
41.5727

Harmonies

Analogous

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



23.6723, 26.5913, 33.7765



24.6607, 26.5913, 35.7312



25.8441, 26.5913, 35.7779

Triad

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



24.6607, 26.5913, 35.7312



27.5566, 26.5913, 27.3634



23.7093, 26.5913, 24.5135

Complementary

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



24.6607, 26.5913, 35.7312



27.2606, 27.7502, 23.9988

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.



24.7128, 26.5913, 23.0571



24.6607, 26.5913, 35.7312



26.9469, 26.5913, 24.6128

Square

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



24.6607, 26.5913, 35.7312



27.5416, 26.5913, 30.7613



25.8979, 26.5913, 23.0920



23.1349, 26.5913, 27.2178

Rectangle

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



24.6607, 26.5913, 35.7312



26.5861, 26.5913, 34.7097



25.8979, 26.5913, 23.0920



24.0062, 26.5913, 23.8715

Sweetspot

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



24.6615, 26.5924, 35.7318



52.8367, 56.0551, 65.1617



25.5805, 30.5347, 29.5508



11.5335, 12.2457, 14.3261



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.



24.6615, 26.5924, 35.7318



41.5691, 45.0354, 63.6285



22.6234, 22.5161, 35.0524



6.5629, 6.9917, 8.4103



7.5388, 7.1692, 26.8937



0.1770, 0.2125, 0.4949

Inverse Universe

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



26.4526, 24.3307, 29.2899



45.4269, 40.3602, 49.7099



29.5406, 32.3104, 24.7589



6.7735, 6.7023, 7.6583



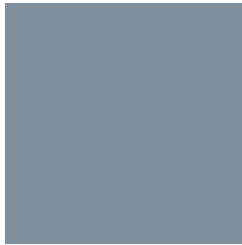
12.6035, 6.3460, 7.4288



0.2466, 0.1220, 0.2449

Previews

White Background



This preview shows how the XYZ color 24.6607, 26.5913, 35.7312 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 24.6607, 26.5913, 35.7312 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

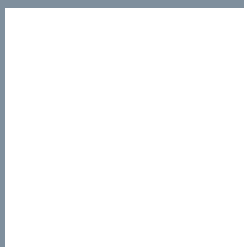
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6607, 26.5913, 35.7312

Background



This preview shows how black text looks on a background with the XYZ color 24.6607, 26.5913, 35.7312.



This preview shows how white text looks on a background with the XYZ color 24.6607, 26.5913,

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

24.6607, 26.5913, 35.7312

Protanopia

25.9419, 26.6117, 34.7796

Deuteranopia

26.9713, 26.4709, 36.0356



Tritanopia

24.4913, 26.5235, 34.8391

Trichromacy



Original Color

24.6607, 26.5913, 35.7312

Protanomaly

25.5173, 26.6009, 35.2421

Deuteranomaly

26.0516, 26.4228, 36.0748

Tritanomaly

24.5756, 26.5572, 35.2833

Monochromacy



Original Color

24.6607, 26.5913, 35.7312

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 24.6607, 26.5913, 35.7312 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(127, 143, 157)` looks like.

```
.text, #text, p{  
    color:rgb(127, 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(127, 143, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 143, 157) }
```

Border

The CSS property to change the border of an element to XYZ 24.6607, 26.5913, 35.7312 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(127, 143, 157) }
```


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

```
.border{ border-color:rgb(127, 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(127, 143, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 143, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 143, 157);  
box-shadow:4px 4px 4px 4px rgb(127, 143,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6607, 26.5913, 35.7312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 143, 157) }
```

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

```
.background{ background-color: rgb(127,  
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](#).

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