

Converting Colors

XYZ(24.6475, 25.7140, 33.1484)

Have a look what the booklet for
XYZ(24.6475, 25.7140, 33.1484)
contains.

XYZ(24.6500, 25.7679, 32.9527)	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(24.6500, 25.7679,
32.9527)**

Conversions

Conversions Part 1

Format	Color
Hex	868B97
RGB	134, 139, 151
RGB Percent	53%, 55%, 59%
CMY	0.4745, 0.4549, 0.4078
CMYK	0.11, 0.08, 0.00, 0.41
HSL	222°, 8%, 56%
HSV	222°, 11%, 59%
XYZ	24.6500, 25.7679, 32.9527
YIQ	138.8730, -6.8320, 2.6720

Conversions

Conversions Part 2

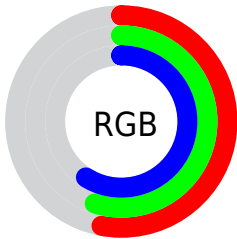
Format	Color
R_{YB}	134, 138, 151
Decimal	8817559
CIE _{Lab}	57.82, 0.68, -7.01
CIE _{LCh}	58, 7.043, 275.576
Yxy	25.7679, 0.2957, 0.3091
Android (android.graphics.Color)	4287007639 (0xFF868B97)
YUV	138.8730, 5.9786, -4.2736
Hunter-Lab	50.7621, -2.1543, -2.9552

Details

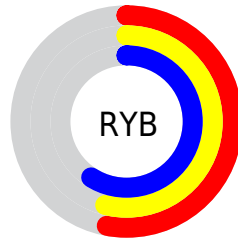
The XYZ color **24.6500, 25.7679, 32.9527** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.3445, 28.8581, 26.6836**, and the grayscale version is **24.4719, 25.7464, 28.0378**.

A 20% lighter version of the original color is **50.3626, 52.6718, 65.2699**, and **9.5288, 9.9497, 13.4748** is the 20% darker color. If you saturate the color by 10%, you get **20.9446, 21.6782, 32.3590**, and if you desaturate by 10%, it is **28.8511, 30.3379, 33.6138**.

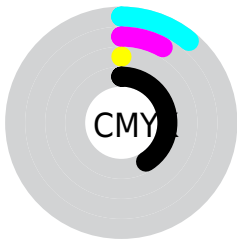
Distribution



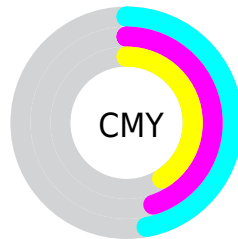
- Red (53%)
- Green (55%)
- Blue (59%)



- Red (53%)
- Yellow (54%)
- Blue (59%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (41%)



- Cyan (47%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6500, 25.7679, 32.9527 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 24.6500, 25.7679, 32.9527 by changing the saturation by 10% instead.

■ 24.6500, 25.7679,
32.9527

■ 24.6500, 25.7679,
32.9527

268.4703,
281.6409, 330.0620

■ 15.9438, 16.6501,
21.8194

■ 50.5358, 52.9003,
65.4168

■ 9.5750, 9.9853,
13.5272

■ 68.4462, 71.6836,
87.5847

■ 5.1782, 5.3892,
7.6576

■ 90.1554, 94.4576,
114.2679

■ 2.3880, 2.4774,
3.7920

116.0287,
121.6066, 145.8849

■ 0.8391, 0.8653,
1.5120

146.4315,
153.5151, 182.8543

■ 0.0000, 0.0000,
0.2268

181.7291,

■ 0.0000, 0.0000,

190.5673, 225.5946

0.0000

222.2869,
233.1478, 274.5243

■ 24.6500, 25.7679,
32.9527

■ 24.6500, 25.7679,
32.9527

■ 20.9446, 21.6782,
32.3590

■ 28.8511, 30.3379,
33.6138

■ 17.7137, 18.0493,
31.8289

■ 33.5633, 35.4001,
34.3425

■ 14.9382, 14.8656,
31.3606

■ 38.8042, 40.9701,
35.1414

■ 12.5966, 12.1088,
30.9519

■ 44.5898, 47.0619,
36.0123

■ 10.6655, 9.7597,
30.6003

■ 50.9356, 53.6889,
36.9570

■ 9.1194, 7.7972,
30.3030

■ 57.8562, 60.8639,
37.9772

■ 7.9294, 6.1981,
30.0570

■ 65.3660, 68.5994,
39.0745

■ 7.0624, 4.9364,
29.8592

■ 73.4785, 76.9075,
40.2505

■ 6.5028, 4.0681,
29.7211

■ 76.5103, 82.8630,
41.2402

Harmonies

Analogous

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



23.8253, 25.7679, 32.5152



24.6500, 25.7679, 32.9527



25.4501, 25.7679, 32.0184

Triad

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



24.6500, 25.7679, 32.9527



25.8384, 25.7679, 25.4333



23.0404, 25.7679, 26.1747

Complementary

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



24.6500, 25.7679, 32.9527



27.3445, 28.8581, 26.6836

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.



23.5575, 25.7679, 24.4364



24.6500, 25.7679, 32.9527



25.1703, 25.7679, 24.0259

Square

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



24.6500, 25.7679, 32.9527



26.1462, 25.7679, 27.6067



24.3339, 25.7679, 23.6717



22.9083, 25.7679, 28.5119

Rectangle

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



24.6500, 25.7679, 32.9527



25.8578, 25.7679, 30.7732



24.3339, 25.7679, 23.6717



23.1744, 25.7679, 25.5053

Sweetspot

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



24.6508, 25.7690, 32.9533



50.2459, 52.7919, 59.9753



26.0791, 29.2742, 31.4298



11.2839, 11.8512, 13.6103



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.



24.6508, 25.7690, 32.9533



42.0482, 43.8455, 58.6805



24.4936, 24.6372, 32.7431



6.0252, 6.3078, 7.8289



5.5543, 3.5053, 25.2915



0.1118, 0.1099, 0.3877

Inverse Universe

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



25.9484, 25.4941, 27.9805



44.9490, 43.2793, 47.5533



27.5106, 30.1136, 26.9172



6.2799, 6.2511, 6.8538



11.2623, 5.7592, 2.6404



0.1829, 0.0919, 0.1158

Previews

White Background



This preview shows how the XYZ color 24.6500, 25.7679, 32.9527 looks on a white background.

Color Contrast Check

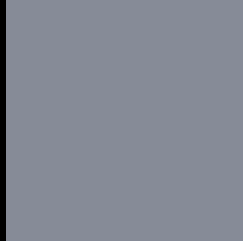
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6500, 25.7679, 32.9527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

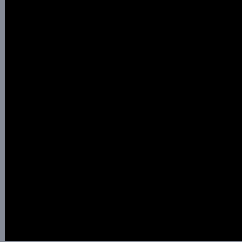
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

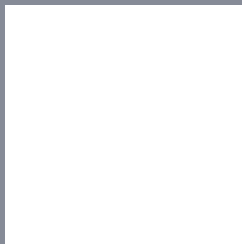
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6500, 25.7679, 32.9527

Background



This preview shows how black text looks on a background with the XYZ color 24.6500, 25.7679, 32.9527.



This preview shows how white text looks on a background with the XYZ color 24.6500, 25.7679,

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

24.6500, 25.7679, 32.9527

Protanopia

25.0747, 25.7822, 32.5091

Deuteranopia

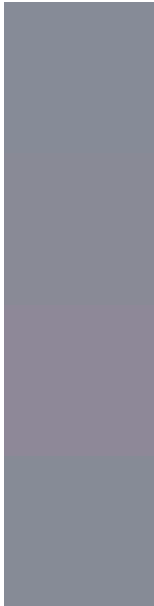
26.1855, 25.7059, 33.2874



Tritanopia

24.5692, 25.7356, 32.5267

Trichromacy



Original Color

24.6500, 25.7679, 32.9527

Protanomaly

24.9100, 25.6973, 32.5013

Deuteranomaly

25.6270, 25.6261, 33.3014

Tritanomaly

24.5692, 25.7356, 32.5267

Monochromacy



Original Color

24.6500, 25.7679, 32.9527

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.5071, 25.7668, 29.6684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6500, 25.7679, 32.9527 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(134, 139, 151)` looks like.

```
.text, #text, p{  
    color:rgb(134, 139, 151)  
}
```

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(134, 139, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 139, 151) }
```

Border

The CSS property to change the border of an element to XYZ 24.6500, 25.7679, 32.9527 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(134, 139, 151) }
```


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

```
.border{ border-color:rgb(134, 139, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 139, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 139, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 139, 151);  
box-shadow:4px 4px 4px 4px rgb(134, 139,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6500, 25.7679, 32.9527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 139, 151) }
```

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

```
.background{ background-color: rgb(134,  
139, 151) }
```

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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