

Converting Colors

XYZ(26.3112, 30.7592, 36.4487)

Have a look what the booklet for
XYZ(26.3112, 30.7592, 36.4487)
contains.

XYZ(26.3112, 30.7592, 36.4487)	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(26.3112, 30.7592,
36.4487)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9D9D
RGB	123, 157, 157
RGB Percent	48%, 62%, 62%
CMY	0.5176, 0.3843, 0.3843
CMYK	0.22, 0.00, 0.00, 0.38
HSL	180°, 15%, 55%
HSV	180°, 22%, 62%
XYZ	26.3112, 30.7592, 36.4487
YIQ	146.8340, -20.2640, -7.2080

Conversions

Conversions Part 2

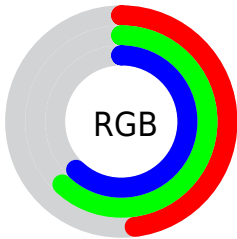
Format	Color
RYB	123, 140, 157
Decimal	8101277
CIELab	62.30, -11.65, -3.86
CIElCh	62, 12.275, 198.338
Yxy	30.7592, 0.2813, 0.3289
Android (android.graphics.Color)	4286291357 (0xFF7B9D9D)
YUV	146.8340, 5.0118, -20.9024
Hunter-Lab	55.4610, -12.3747, -0.1424

Details

The XYZ color **26.3112, 30.7592, 36.4487** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.5639, 22.7650, 21.8397**, and the grayscale version is **27.6513, 29.0913, 31.6804**.

A 20% lighter version of the original color is **53.3316, 61.0705, 71.2643**, and **10.5032, 12.7651, 15.5460** is the 20% darker color. If you saturate the color by 10%, you get **24.2431, 29.6939, 36.3522**, and if you desaturate by 10%, it is **28.7413, 32.0128, 36.5635**.

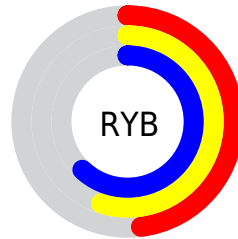
Distribution



Red (48%)

Green (62%)

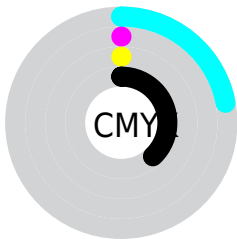
Blue (62%)



Red (48%)

Yellow (55%)

Blue (62%)

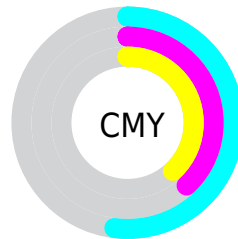


Cyan (22%)

Magenta (0%)

Yellow (0%)

Black (38%)



Cyan (52%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3112, 30.7592, 36.4487 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 26.3112, 30.7592, 36.4487 by changing the saturation by 10% instead.

■ 26.3112, 30.7592,
36.4487

■ 26.3112, 30.7592,
36.4487

276.5352,
305.4274, 346.0140

■ 17.1905, 20.4156,
24.4885

■ 53.2043, 60.8608,
70.9009

■ 10.4665, 12.6975,
15.4808

■ 71.7074, 81.3875,
94.2300

■ 5.7740, 7.2206,
9.0072

■ 94.0687, 106.0773,
122.1857

■ 2.7475, 3.6004,
4.6490

120.6535,
135.3147, 155.1867

■ 1.0217, 1.4527,
1.9877

151.8272,
169.4840, 193.6515

■ 0.0000, 0.2550,
0.5477

187.9551,

■ 0.0000, 0.0000,

208.9696, 237.9987

0.0000

229.4027,
254.1560, 288.6466

■ 26.3112, 30.7592,
36.4487

■ 26.3112, 30.7592,
36.4487

■ 24.2431, 29.6939,
36.3522

■ 28.7413, 32.0128,
36.5635

■ 22.5172, 28.8041,
36.2710

■ 31.5468, 33.4590,
36.6951

■ 21.1158, 28.0817,
36.2051

■ 34.7435, 35.1070,
36.8451

■ 20.0188, 27.5162,
36.1534

■ 38.3457, 36.9640,
37.0141

■ 19.2034, 27.0958,
36.1148

■ 42.3668, 39.0369,
37.2026

■ 18.6440, 26.8075,
36.0883

■ 46.8198, 41.3325,
37.4114

■ 18.3103, 26.6355,
36.0723

■ 51.7170, 43.8571,
37.6410

■ 18.1428, 26.5491,
36.0641

■ 57.0701, 46.6167,
37.8919

■ 59.3840, 47.8096,
38.0006

Harmonies

Analogous

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



26.2217, 30.7592, 31.6786



26.3112, 30.7592, 36.4487



27.1662, 30.7592, 40.7904

Triad

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



26.3112, 30.7592, 36.4487



31.6841, 30.7592, 39.9386



29.8852, 30.7592, 25.3178

Complementary

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



26.3112, 30.7592, 36.4487



24.5639, 22.7650, 21.8397

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.



31.4078, 30.7592, 27.1198



26.3112, 30.7592, 36.4487



32.4722, 30.7592, 35.3723

Square

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



26.3112, 30.7592, 36.4487



30.2508, 30.7592, 42.9329



32.3692, 30.7592, 30.6988



28.2436, 30.7592, 25.5469

Rectangle

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



26.3112, 30.7592, 36.4487



28.0740, 30.7592, 42.7194



32.3692, 30.7592, 30.6988



30.4290, 30.7592, 25.6986

Sweetspot

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



26.3121, 30.7605, 36.4494



54.1694, 58.7205, 65.6055



23.8828, 29.7981, 23.2325



11.8544, 12.8874, 14.4330



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.



26.3121, 30.7605, 36.4494



45.2467, 54.1207, 65.1865



23.7163, 25.5685, 35.5849



6.8219, 7.5095, 8.4965



14.7347, 21.5618, 29.2894



0.2635, 0.3855, 0.5237

Inverse Universe

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



24.5639, 22.7650, 21.8397



41.5449, 37.1909, 34.2513



26.7764, 27.1903, 22.5766



6.6331, 6.6462, 6.9190



11.2931, 5.8218, 0.5287



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 26.3112, 30.7592, 36.4487 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.3112, 30.7592, 36.4487 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 ✓ Pass

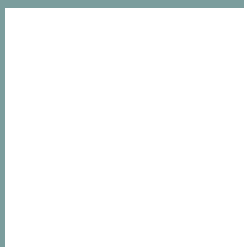
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3112, 30.7592, 36.4487

Background



This preview shows how black text looks on a background with the XYZ color 26.3112, 30.7592, 36.4487.

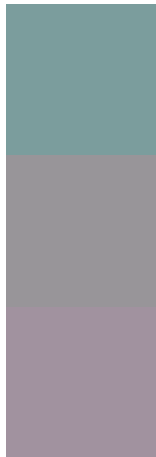


This preview shows how white text looks on a background with the XYZ color 26.3112, 30.7592,

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

26.3112, 30.7592, 36.4487

Protanopia

29.4461, 30.4702, 34.4664

Deuteranopia

31.2348, 30.6380, 37.0684



Tritanopia

27.2467, 30.6298, 41.5219

Trichromacy



Original Color

26.3112, 30.7592, 36.4487

Protanomaly

28.0455, 30.4523, 34.9716

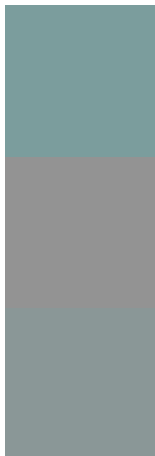
Deuteranomaly

29.1105, 30.4844, 36.6975

Tritanomaly

26.9015, 30.7424, 39.6380

Monochromacy



Original Color

26.3112, 30.7592, 36.4487

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.1338, 29.7709, 33.5944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3112, 30.7592, 36.4487 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(123, 157, 157)` looks like.

```
.text, #text, p{  
    color:rgb(123, 157, 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(123, 157, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 157, 157) }
```

Border

The CSS property to change the border of an element to XYZ 26.3112, 30.7592, 36.4487 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(123, 157, 157) }
```


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

```
.border{ border-color:rgb(123, 157, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 157, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 157, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 157, 157);  
box-shadow:4px 4px 4px 4px rgb(123, 157,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3112, 30.7592, 36.4487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 157, 157) }
```

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

```
.background{ background-color: rgb(123,  
157, 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