

Converting Colors

XYZ(26.8794, 31.6590, 37.3441)

Have a look what the booklet for
XYZ(26.8794, 31.6590, 37.3441)
contains.

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Color

**XYZ(26.8245, 31.5104,
37.4692)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9F9F
RGB	123, 159, 159
RGB Percent	48%, 62%, 62%
CMY	0.5176, 0.3765, 0.3765
CMYK	0.23, 0.00, 0.00, 0.38
HSL	180°, 16%, 55%
HSV	180°, 23%, 62%
XYZ	26.8245, 31.5104, 37.4692
YIQ	148.2360, -21.4560, -7.6320

Conversions

Conversions Part 2

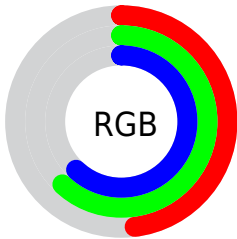
Format	Color
RYB	123, 141, 159
Decimal	8101791
CIELab	62.94, -12.27, -4.06
CIElCh	63, 12.925, 198.289
Yxy	31.5104, 0.2800, 0.3289
Android (android.graphics.Color)	4286291871 (0xFF7B9F9F)
YUV	148.2360, 5.3067, -22.1320
Hunter-Lab	56.1341, -12.9359, -0.2818

Details

The XYZ color **26.8245, 31.5104, 37.4692** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.9573, 22.9678, 21.8580**, and the grayscale version is **28.2325, 29.7027, 32.3463**.

A 20% lighter version of the original color is **54.0887, 62.1783, 72.7692**, and **10.8170, 13.2243, 16.1698** is the 20% darker color. If you saturate the color by 10%, you get **24.7323, 30.4327, 37.3716**, and if you desaturate by 10%, it is **29.2880, 32.7812, 37.5856**.

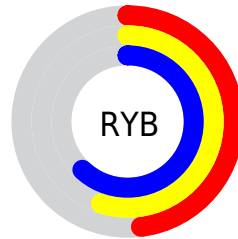
Distribution



Red (48%)

Green (62%)

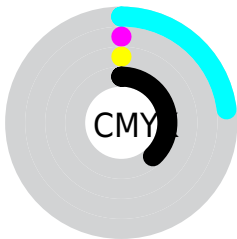
Blue (62%)



Red (48%)

Yellow (55%)

Blue (62%)

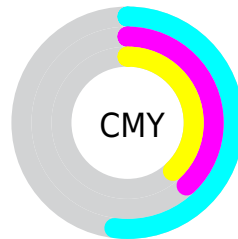


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (38%)



Cyan (52%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8245, 31.5104, 37.4692 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 26.8245, 31.5104, 37.4692 by changing the saturation by 10% instead.

■ 26.8245, 31.5104,
37.4692

■ 26.8245, 31.5104,
37.4692

278.9894,
308.8829, 350.5671

■ 17.5774, 20.9878,
25.2724

■ 54.0240, 62.0428,
72.4882

■ 10.7448, 13.1151,
16.0592

■ 72.7071, 82.8213,
96.1474

■ 5.9615, 7.5078,
9.4113

■ 95.2662, 107.7873,
124.4645

■ 2.8621, 3.7817,
4.9099

122.0666,
137.3252, 157.8581

■ 1.0813, 1.5522,
2.1367

153.4738,
171.8193, 196.7465

■ 0.0094, 0.3251,
0.6375

189.8532,

■ 0.0000, 0.0000,

211.6540, 241.5485

0.0000

231.5699,
257.2137, 292.6825

■ 26.8245, 31.5104,
37.4692

■ 26.8245, 31.5104,
37.4692

■ 24.7323, 30.4327,
37.3716

■ 29.2880, 32.7812,
37.5856

■ 22.9909, 29.5349,
37.2896

■ 32.1366, 34.2497,
37.7193

■ 21.5818, 28.8085,
37.2233

■ 35.3869, 35.9253,
37.8718

■ 20.4839, 28.2426,
37.1715

■ 39.0536, 37.8155,
38.0438

■ 19.6738, 27.8249,
37.1332

■ 43.1507, 39.9276,
38.2360

■ 19.1243, 27.5417,
37.1071

■ 47.6916, 42.2685,
38.4489

■ 18.8037, 27.3764,
37.0917

■ 52.6889, 44.8447,
38.6831

■ 18.6562, 27.3004,
37.0845

■ 58.1550, 47.6626,
38.9394

■ 59.8975, 48.5609,
39.0213

Harmonies

Analogous

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



26.7304, 31.5104, 32.3634



26.8245, 31.5104, 37.4692



27.7356, 31.5104, 42.1360

Triad

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



26.8245, 31.5104, 37.4692



32.5705, 31.5104, 41.2330



30.6478, 31.5104, 25.6006

Complementary

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



26.8245, 31.5104, 37.4692



24.9573, 22.9678, 21.8580

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.



32.2785, 31.5104, 27.5176



26.8245, 31.5104, 37.4692



33.4176, 31.5104, 36.3320

Square

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



26.8245, 31.5104, 37.4692



31.0336, 31.5104, 44.4525



33.3086, 31.5104, 31.3326



28.8914, 31.5104, 25.8402

Rectangle

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



26.8245, 31.5104, 37.4692



28.7048, 31.5104, 44.2157



33.3086, 31.5104, 31.3326



31.2301, 31.5104, 26.0058

Sweetspot

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



26.8254, 31.5117, 37.4699



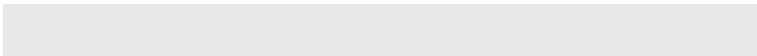
55.1728, 60.1093, 67.4373



24.2287, 30.4829, 23.3463



12.3760, 13.5193, 15.2007



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.8254, 31.5117, 37.4699



46.1331, 55.4492, 67.0127



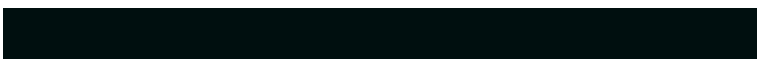
24.0409, 25.9423, 36.5426



6.8219, 7.5095, 8.4965



14.7346, 21.5618, 29.2893



0.2635, 0.3855, 0.5237

Inverse Universe

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



24.9573, 22.9678, 21.8580



42.2065, 37.4910, 34.1985



27.3110, 27.6754, 22.6419



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 26.8245, 31.5104, 37.4692 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 26.8245, 31.5104, 37.4692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

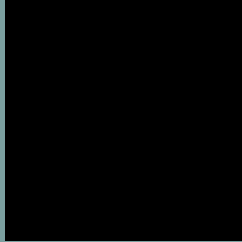
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8245, 31.5104, 37.4692

Background



This preview shows how black text looks on a background with the XYZ color 26.8245, 31.5104, 37.4692.

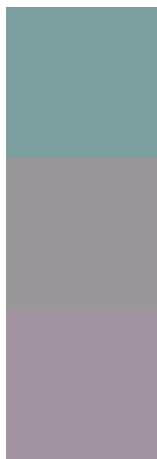


This preview shows how white text looks on a background with the XYZ color 26.8245, 31.5104,

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

26.8245, 31.5104, 37.4692

Protanopia

30.2258, 31.3363, 35.0273

Deuteranopia

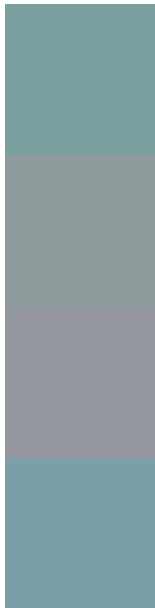
31.7670, 31.1220, 38.0511



Tritanopia

27.7701, 31.3762, 42.6228

Trichromacy



Original Color

26.8245, 31.5104, 37.4692

Protanomaly

28.8840, 31.3511, 35.9815

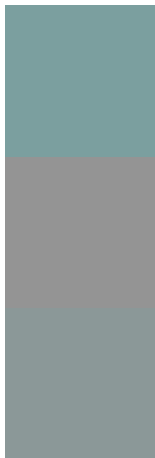
Deuteranomaly

29.6245, 30.9672, 37.6736

Tritanomaly

27.4220, 31.4920, 40.7097

Monochromacy



Original Color

26.8245, 31.5104, 37.4692

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.5432, 30.2124, 34.0857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8245, 31.5104, 37.4692 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, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(123, 159, 159)  
}
```

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, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 159, 159) }
```

Border

The CSS property to change the border of an element to XYZ 26.8245, 31.5104, 37.4692 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, 159, 159) }
```


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

```
.border{ border-color:rgb(123, 159, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(123, 159,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8245, 31.5104, 37.4692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 159, 159) }
```

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

```
.background{ background-color: rgb(123,  
159, 159) }
```

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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