

Converting Colors

XYZ(26.7282, 31.5869, 31.2301)

Have a look what the booklet for
XYZ(26.7282, 31.5869, 31.2301)
contains.

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Color

**XYZ(26.6381, 31.5557,
31.0724)**

Conversions

Conversions Part 1

Format	Color
Hex	829F90
RGB	130, 159, 144
RGB Percent	51%, 62%, 56%
CMY	0.4902, 0.3765, 0.4353
CMYK	0.18, 0.00, 0.09, 0.38
HSL	149°, 13%, 57%
HSV	149°, 18%, 62%
XYZ	26.6381, 31.5557, 31.0724
YIQ	148.6190, -12.4690, -10.8130

Conversions

Conversions Part 2

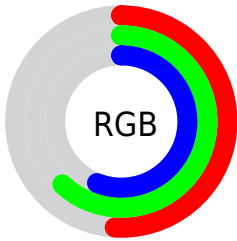
Format	Color
RYB	130, 150, 159
Decimal	8560528
CIELab	62.97, -13.20, 4.49
CIELCh	63, 13.938, 161.219
Yxy	31.5557, 0.2984, 0.3535
Android (android.graphics.Color)	4286750608 (0xFF829F90)
YUV	148.6190, -2.2772, -16.3289
Hunter-Lab	56.1745, -13.6601, 6.5264

Details

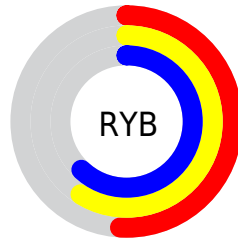
The XYZ color **26.6381, 31.5557, 31.0724** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.3927, 25.3813, 30.2449**, and the grayscale version is **28.4208, 29.9009, 32.5620**.

A 20% lighter version of the original color is **53.7680, 62.2376, 62.6053**, and **10.6912, 13.2387, 12.5815** is the 20% darker color. If you saturate the color by 10%, you get **23.7793, 30.1528, 27.7760**, and if you desaturate by 10%, it is **29.9214, 33.1738, 34.6291**.

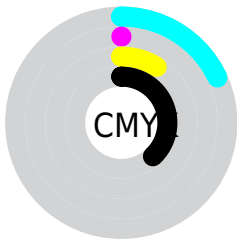
Distribution



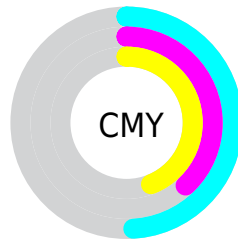
- Red (51%)
- Green (62%)
- Blue (56%)



- Red (51%)
- Yellow (59%)
- Blue (62%)



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)



- Cyan (49%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6381, 31.5557, 31.0724 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 26.6381, 31.5557, 31.0724 by changing the saturation by 10% instead.

■ 26.6381, 31.5557,
31.0724

■ 26.6381, 31.5557,
31.0724

278.1002,
309.0903, 321.2332

■ 17.4368, 21.0224,
20.3951

■ 53.7266, 62.1139,
62.4350

■ 10.6436, 13.1404,
12.4956

■ 72.3445, 82.9076,
83.9572

■ 5.8933, 7.5253,
6.9555

■ 94.8319, 107.8902,
109.9316

■ 2.8203, 3.7927,
3.3563

121.5543,
137.4460, 140.7766

■ 1.0595, 1.5583,
1.2793

152.8770,
171.9596, 176.9107

■ 0.0000, 0.3292,
0.0447

189.1653,

■ 0.0000, 0.0000,

211.8152, 218.7525

0.0000

230.7845,
257.3973, 266.7205

■ 26.6381, 31.5557,
31.0724

■ 26.6381, 31.5557,
31.0724

■ 23.7793, 30.1528,
27.7760

■ 29.9214, 33.1738,
34.6291

■ 21.3242, 28.9520,
24.7319

■ 33.6435, 35.0120,
38.4498

■ 19.2540, 27.9445,
21.9347

■ 37.8216, 37.0797,
42.5405

■ 17.5474, 27.1196,
19.3779

■ 42.4710, 39.3847,
46.9068

■ 16.1809, 26.4651,
17.0549

■ 47.6061, 41.9344,
51.5537

■ 15.1281, 25.9677,
14.9585

■ 53.2408, 44.7358,
56.4864

■ 14.3584, 25.6117,
13.0812

■ 59.3886, 47.7959,
61.7097

■ 13.8161, 25.3684,
11.4140

■ 65.2468, 50.7007,
67.1901

■ 13.7296, 25.3298,
11.1412

■ 66.2970, 51.1207,
72.7205

Harmonies

Analogous

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



27.6299, 31.5557, 27.0174



26.6381, 31.5557, 31.0724



26.5221, 31.5557, 36.4528

Triad

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



26.6381, 31.5557, 31.0724



30.7153, 31.5557, 45.7827



32.8503, 31.5557, 27.8644

Complementary

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



26.6381, 31.5557, 31.0724



27.3927, 25.3813, 30.2449

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.



33.7537, 31.5557, 32.3465



26.6381, 31.5557, 31.0724



32.4865, 31.5557, 42.9225

Square

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



26.6381, 31.5557, 31.0724



28.8221, 31.5557, 45.3479



33.6178, 31.5557, 37.8691



31.1946, 31.5557, 25.3060

Rectangle

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



26.6381, 31.5557, 31.0724



26.9510, 31.5557, 40.1230



33.6178, 31.5557, 37.8691



33.2552, 31.5557, 29.1749

Sweetspot

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



26.6390, 31.5570, 31.0731



55.5939, 60.4004, 64.1149



28.1880, 32.4716, 25.9016



12.4367, 13.5694, 14.3541



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.



26.6390, 31.5570, 31.0731



45.4757, 55.4170, 53.1236



27.7796, 32.0133, 37.0793



6.6774, 7.4517, 7.7360



10.8645, 20.0138, 8.9096



0.2156, 0.3664, 0.2714

Inverse Universe

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



27.3927, 25.3813, 30.2449



47.0868, 42.2151, 51.3526



26.3761, 24.9747, 24.8918



6.7691, 6.7006, 7.6353



12.5247, 6.3144, 7.0140



0.2453, 0.1214, 0.2378

Previews

White Background



This preview shows how the XYZ color 26.6381, 31.5557, 31.0724 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 26.6381, 31.5557, 31.0724 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

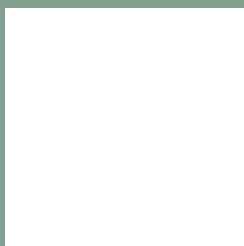
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6381, 31.5557, 31.0724

Background



This preview shows how black text looks on a background with the XYZ color 26.6381, 31.5557, 31.0724.

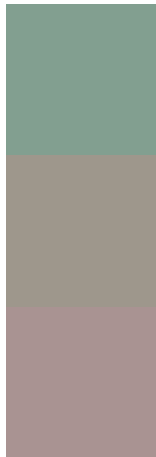


This preview shows how white text looks on a background with the XYZ color 26.6381, 31.5557,

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

26.6381, 31.5557, 31.0724

Protanopia

29.9008, 31.2958, 29.2757

Deuteranopia

31.9842, 31.3778, 31.5649



Tritanopia

28.7879, 31.6724, 41.6419

Trichromacy



Original Color

26.6381, 31.5557, 31.0724

Protanomaly

28.5761, 31.3302, 29.7405

Deuteranomaly

29.6950, 31.1461, 31.2348

Tritanomaly

27.9878, 31.6037, 37.4259

Monochromacy



Original Color

26.6381, 31.5557, 31.0724

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.8130, 30.6398, 32.0519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6381, 31.5557, 31.0724 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(130, 159, 144)` looks like.

```
.text, #text, p{  
    color:rgb(130, 159, 144)  
}
```

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(130, 159, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 159, 144) }
```

Border

The CSS property to change the border of an element to XYZ 26.6381, 31.5557, 31.0724 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(130, 159, 144) }
```


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

```
.border{ border-color:rgb(130, 159, 144) }
```

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

Here you see how a box with a 4 pixel rgb(130, 159, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 159, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 159, 144);  
box-shadow:4px 4px 4px 4px rgb(130, 159,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6381, 31.5557, 31.0724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 159, 144) }
```

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

```
.background{ background-color: rgb(130,  
159, 144) }
```

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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