

Converting Colors

XYZ(22.9135, 25.7761, 31.7846)

Have a look what the booklet for
XYZ(22.9135, 25.7761, 31.7846)
contains.

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Color

**XYZ(22.9135, 25.7761,
31.7846)**

Conversions

Conversions Part 1

Format	Color
Hex	788F94
RGB	120, 143, 148
RGB Percent	47%, 56%, 58%
CMY	0.5294, 0.4392, 0.4196
CMYK	0.19, 0.03, 0.00, 0.42
HSL	191°, 12%, 53%
HSV	191°, 19%, 58%
XYZ	22.9135, 25.7761, 31.7846
YIQ	136.6930, -15.3130, -3.3210

Conversions

Conversions Part 2

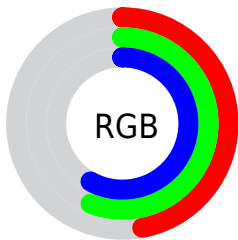
Format	Color
R_{YB}	120, 133, 148
Decimal	7901076
CIE _{Lab}	57.82, -7.02, -5.39
CIE _{LCh}	58, 8.851, 217.519
Yxy	25.7761, 0.2847, 0.3203
Android (android.graphics.Color)	4286091156 (0xFF788F94)
YUV	136.6930, 5.5744, -14.6398
Hunter-Lab	50.7702, -8.2875, -1.5793

Details

The XYZ color **22.9135, 25.7761, 31.7846** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.9368, 22.3193, 20.8690**, and the grayscale version is **23.6464, 24.8779, 27.0920**.

A 20% lighter version of the original color is **47.8605, 53.0810, 63.6003**, and **8.6706, 10.0314, 12.7885** is the 20% darker color. If you saturate the color by 10%, you get **20.6257, 24.0155, 31.5658**, and if you desaturate by 10%, it is **25.5294, 27.7211, 32.0226**.

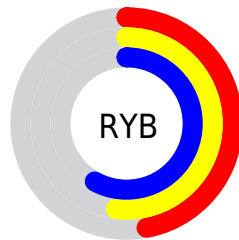
Distribution



Red (47%)

Green (56%)

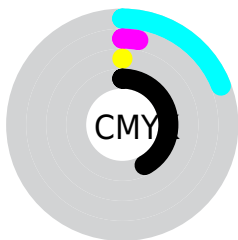
Blue (58%)



Red (47%)

Yellow (52%)

Blue (58%)

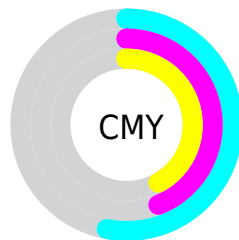


Cyan (19%)

Magenta (3%)

Yellow (0%)

Black (42%)



Cyan (53%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9135, 25.7761, 31.7846 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 22.9135, 25.7761, 31.7846 by changing the saturation by 10% instead.

■ 22.9135, 25.7761,
31.7846

■ 22.9135, 25.7761,
31.7846

259.8240,
281.6812, 324.5993

■ 14.6500, 16.6562,
20.9336

■ 47.7190, 52.9135,
63.5672

■ 8.6588, 9.9897,
12.8847

■ 64.9916, 71.6998,
85.3359

■ 4.5746, 5.3921,
7.2194

■ 85.9980, 94.4771,
111.5809

■ 2.0321, 2.4791,
3.5192

111.1036,
121.6297, 142.7207

■ 0.6519, 0.8662,
1.3655

140.6736,
153.5420, 179.1740

■ 0.0000, 0.0000,
0.1145

175.0734,

■ 0.0000, 0.0000,

190.5984, 221.3591

0.0000

214.6685,
233.1834, 269.6947

■ 22.9135, 25.7761,
31.7846

■ 22.9135, 25.7761,
31.7846

■ 20.6257, 24.0155,
31.5658

■ 25.5294, 27.7211,
32.0226

■ 18.6492, 22.4285,
31.3636

■ 28.4849, 29.8544,
32.2786

■ 16.9690, 21.0079,
31.1780

■ 31.7935, 32.1838,
32.5538

■ 15.5681, 19.7448,
31.0080

■ 35.4674, 34.7157,
32.8489

■ 14.4273, 18.6294,
30.8528

■ 39.5183, 37.4561,
33.1643

■ 13.5255, 17.6505,
30.7114

■ 43.9571, 40.4109,
33.5007

■ 12.8377, 16.7952,
30.5826

■ 48.7946, 43.5856,
33.8585

■ 12.3087, 16.0351,
30.4637

■ 54.0408, 46.9855,
34.2383

■ 12.2537, 15.9547,
30.4511

■ 59.7057, 50.6158,
34.6404

Harmonies

Analogous

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



22.5281, 25.7761, 28.8389



22.9135, 25.7761, 31.7846



23.7260, 25.7761, 33.8306

Triad

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



22.9135, 25.7761, 31.7846



26.4373, 25.7761, 30.3645



24.2329, 25.7761, 22.6524

Complementary

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



22.9135, 25.7761, 31.7846



22.9368, 22.3193, 20.8690

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.



25.2894, 25.7761, 22.9962



22.9135, 25.7761, 31.7846



26.5825, 25.7761, 27.3066

Square

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



22.9135, 25.7761, 31.7846



25.7656, 25.7761, 32.9702



26.1569, 25.7761, 24.6490



23.2754, 25.7761, 23.6736

Rectangle

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



22.9135, 25.7761, 31.7846



24.4110, 25.7761, 34.3307



26.1569, 25.7761, 24.6490



24.5880, 25.7761, 22.6135

Sweetspot

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



22.9143, 25.7772, 31.7852



46.4426, 49.9309, 56.6244



22.0165, 26.6455, 23.2738



10.5354, 11.3499, 12.9203



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.9143, 25.7772, 31.7852



38.5270, 44.0313, 55.9029



20.9858, 21.9202, 31.1424



5.8770, 6.3880, 7.3930



10.4842, 13.6633, 26.0157



0.1468, 0.2043, 0.3246

Inverse Universe

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



23.8878, 21.7126, 28.9197



40.6121, 35.4935, 49.7276



24.7878, 26.0213, 21.4860



5.9914, 5.8916, 7.0606



13.4190, 6.5727, 16.2195



0.1736, 0.0842, 0.2477

Previews

White Background



This preview shows how the XYZ color 22.9135, 25.7761, 31.7846 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 22.9135, 25.7761, 31.7846 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

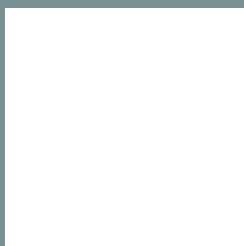
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.9135, 25.7761, 31.7846

Background



This preview shows how black text looks on a background with the XYZ color 22.9135, 25.7761, 31.7846.



This preview shows how white text looks on a background with the XYZ color 22.9135, 25.7761,

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

22.9135, 25.7761, 31.7846

Protanopia

24.8468, 25.7103, 30.4411

Deuteranopia

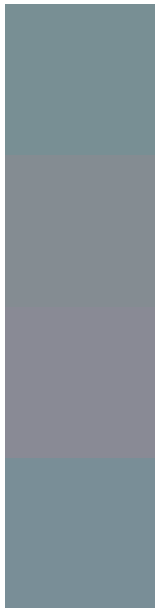
26.2016, 25.7330, 32.4402



Tritanopia

23.3079, 25.7109, 33.8712

Trichromacy



Original Color

22.9135, 25.7761, 31.7846

Protanomaly

24.0821, 25.7370, 30.8926

Deuteranomaly

24.8298, 25.6652, 32.0790

Tritanomaly

23.1441, 25.6453, 33.0084

Monochromacy



Original Color

22.9135, 25.7761, 31.7846

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.4004, 25.2136, 28.8327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9135, 25.7761, 31.7846 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(120, 143, 148)` looks like.

```
.text, #text, p{  
    color:rgb(120, 143, 148)  
}
```

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(120, 143, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 143, 148) }
```

Border

The CSS property to change the border of an element to XYZ 22.9135, 25.7761, 31.7846 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(120, 143, 148) }
```


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

```
.border{ border-color:rgb(120, 143, 148) }
```

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

Here you see how a box with a 4 pixel rgb(120, 143, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 143, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 143, 148);  
box-shadow:4px 4px 4px 4px rgb(120, 143,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9135, 25.7761, 31.7846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 143, 148) }
```

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

```
.background{ background-color: rgb(120,  
143, 148) }
```

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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