

Converting Colors

XYZ(22.8807, 25.4824, 31.5883)

Have a look what the booklet for
XYZ(22.8807, 25.4824, 31.5883)
contains.

XYZ(22.9035, 25.5491, 31.7413)	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(22.9035, 25.5491,
31.7413)**

Conversions

Conversions Part 1

Format	Color
Hex	798E94
RGB	121, 142, 148
RGB Percent	47%, 56%, 58%
CMY	0.5255, 0.4431, 0.4196
CMYK	0.18, 0.04, 0.00, 0.42
HSL	193°, 11%, 53%
HSV	193°, 18%, 58%
XYZ	22.9035, 25.5491, 31.7413
YIQ	136.4050, -14.4420, -2.5860

Conversions

Conversions Part 2

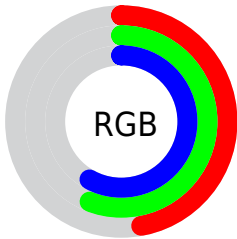
Format	Color
R_{YB}	121, 133, 148
Decimal	7966356
CIE _{Lab}	57.61, -6.13, -5.70
CIE _{LCh}	58, 8.373, 222.950
Yxy	25.5491, 0.2856, 0.3186
Android (android.graphics.Color)	4286156436 (0xFF798E94)
YUV	136.4050, 5.7163, -13.5102
Hunter-Lab	50.5461, -7.5736, -1.8499

Details

The XYZ color **22.9035, 25.5491, 31.7413** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.2536, 22.8552, 21.2756**, and the grayscale version is **23.5374, 24.7631, 26.9671**.

A 20% lighter version of the original color is **47.8562, 52.7428, 63.5352**, and **8.6573, 9.8951, 12.7629** is the 20% darker color. If you saturate the color by 10%, you get **20.5047, 23.5976, 31.4915**, and if you desaturate by 10%, it is **25.6365, 27.6957, 32.0120**.

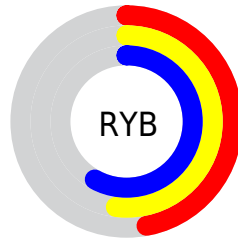
Distribution



Red (47%)

Green (56%)

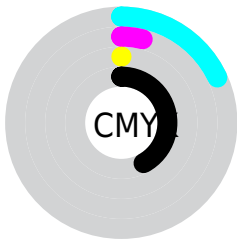
Blue (58%)



Red (47%)

Yellow (52%)

Blue (58%)

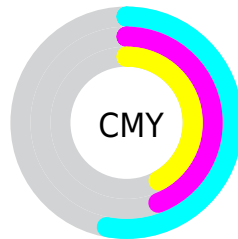


Cyan (18%)

Magenta (4%)

Yellow (0%)

Black (42%)



Cyan (53%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9035, 25.5491, 31.7413 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 22.9035, 25.5491, 31.7413 by changing the saturation by 10% instead.

■ 22.9035, 25.5491,
31.7413

■ 22.9035, 25.5491,
31.7413

259.7736,
280.5616, 324.3954

■ 14.6426, 16.4866,
20.9008

■ 47.7026, 52.5466,
63.4985

■ 8.6536, 9.8692,
12.8610

■ 64.9716, 71.2505,
85.2523

■ 4.5712, 5.3123,
7.2033

■ 85.9739, 93.9369,
111.4809

■ 2.0301, 2.4316,
3.5092

111.0749,
120.9903, 142.6029

■ 0.6508, 0.8421,
1.3601

140.6401,
152.7951, 179.0368

■ 0.0000, 0.0000,
0.1103

175.0346,

■ 0.0000, 0.0000,

189.7356, 221.2012

0.0000

214.6240,
232.1963, 269.5145

■ 22.9035, 25.5491,
31.7413

■ 22.9035, 25.5491,
31.7413

■ 20.5047, 23.5976,
31.4915

■ 25.6365, 27.6957,
32.0120

■ 18.4232, 21.8302,
31.2600

■ 28.7151, 30.0413,
32.3025

■ 16.6441, 20.2398,
31.0468

■ 32.1528, 32.5939,
32.6140

■ 15.1503, 18.8173,
30.8510

■ 35.9620, 35.3599,
32.9471

■ 13.9229, 17.5529,
30.6716

■ 40.1541, 38.3455,
33.3025

■ 12.9408, 16.4354,
30.5077

■ 44.7404, 41.5565,
33.6805

■ 12.1792, 15.4519,
30.3580

■ 49.7313, 44.9987,
34.0819

■ 11.5888, 14.5767,
30.2202

■ 55.1373, 48.6774,
34.5070

■ 11.4901, 14.4275,
30.1966

■ 60.9680, 52.5979,
34.9564

Harmonies

Analogous

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



22.4578, 25.5491, 29.0709



22.9035, 25.5491, 31.7413



23.7243, 25.5491, 33.4215

Triad

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



22.9035, 25.5491, 31.7413



26.1684, 25.5491, 29.4644



23.8554, 25.5491, 22.7904

Complementary

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



22.9035, 25.5491, 31.7413



23.2536, 22.8552, 21.2756

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.



24.8517, 25.5491, 22.8798



22.9035, 25.5491, 31.7413



26.2058, 25.5491, 26.6029

Square

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



22.9035, 25.5491, 31.7413



25.6173, 25.5491, 32.0464



25.7182, 25.5491, 24.2332



22.9971, 25.5491, 23.9801

Rectangle

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



22.9035, 25.5491, 31.7413



24.3827, 25.5491, 33.6874



25.7182, 25.5491, 24.2332



24.1848, 25.5491, 22.6744

Sweetspot

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



22.9043, 25.5502, 31.7419



46.8738, 50.1290, 56.6399



22.2966, 26.7736, 24.0207



10.6231, 11.3842, 12.9223



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.



22.9043, 25.5502, 31.7419



38.5660, 43.5948, 55.8166



21.0352, 21.8121, 31.1189



5.8560, 6.3459, 7.3860



9.8349, 12.3646, 25.7993



0.1420, 0.1946, 0.3230

Inverse Universe

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



23.9332, 21.9243, 28.5628



40.7574, 36.0325, 49.0102



25.0937, 26.5355, 21.8890



5.9807, 5.8874, 7.0047



13.0913, 6.4416, 14.4936



0.1711, 0.0832, 0.2349

Previews

White Background



This preview shows how the XYZ color 22.9035, 25.5491, 31.7413 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 22.9035, 25.5491, 31.7413 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

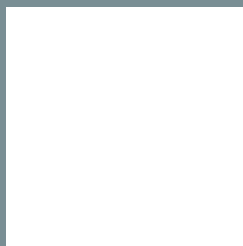
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.9035, 25.5491, 31.7413

Background



This preview shows how black text looks on a background with the XYZ color 22.9035, 25.5491, 31.7413.



This preview shows how white text looks on a background with the XYZ color 22.9035, 25.5491,

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

22.9035, 25.5491, 31.7413

Protanopia

24.5377, 25.3389, 30.3857

Deuteranopia

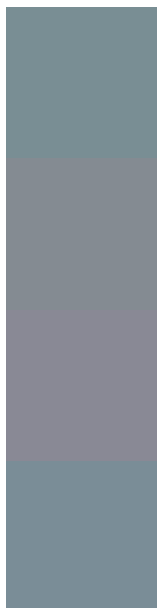
25.8842, 25.3632, 32.3855



Tritanopia

23.3007, 25.4872, 33.8284

Trichromacy



Original Color

22.9035, 25.5491, 31.7413

Protanomaly

23.9366, 25.4461, 30.8441

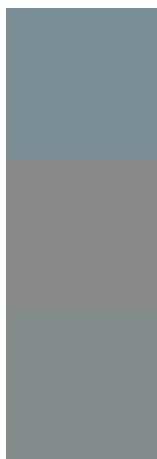
Deuteranomaly

24.6870, 25.3796, 32.0314

Tritanomaly

23.1368, 25.4217, 32.9656

Monochromacy



Original Color

22.9035, 25.5491, 31.7413

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1822, 24.8957, 28.3945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9035, 25.5491, 31.7413 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(121, 142, 148)` looks like.

```
.text, #text, p{  
    color:rgb(121, 142, 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(121, 142, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 142, 148) }
```

Border

The CSS property to change the border of an element to XYZ 22.9035, 25.5491, 31.7413 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(121, 142, 148) }
```


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

```
.border{ border-color:rgb(121, 142, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 142, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 142, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 142, 148);  
box-shadow:4px 4px 4px 4px rgb(121, 142,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9035, 25.5491, 31.7413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 142, 148) }
```

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

```
.background{ background-color: rgb(121,  
142, 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](#).

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