

Converting Colors

XYZ(19.5679, 22.6822, 31.3393)

Have a look what the booklet for
XYZ(19.5679, 22.6822, 31.3393)
contains.

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Color

**XYZ(19.6578, 22.7961,
31.3810)**

Conversions

Conversions Part 1

Format	Color
Hex	658994
RGB	101, 137, 148
RGB Percent	40%, 54%, 58%
CMY	0.6039, 0.4627, 0.4196
CMYK	0.32, 0.07, 0.00, 0.42
HSL	194°, 19%, 49%
HSV	194°, 32%, 58%
XYZ	19.6578, 22.7961, 31.3810
YIQ	127.4900, -24.9870, -4.2110

Conversions

Conversions Part 2

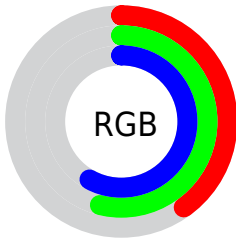
Format	Color
R_{YB}	101, 121, 148
Decimal	6654356
CIE _{Lab}	54.86, -9.75, -9.93
CIE _{LCh}	55, 13.918, 225.537
Yxy	22.7961, 0.2662, 0.3087
Android (android.graphics.Color)	4284844436 (0xFF658994)
YUV	127.4900, 10.1114, -23.2317
Hunter-Lab	47.7453, -10.0617, -5.5472

Details

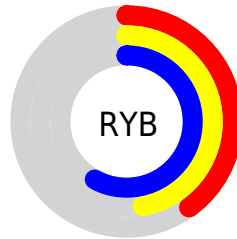
The XYZ color **19.6578, 22.7961, 31.3810** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.3563, 18.8242, 14.8731**, and the grayscale version is **20.3144, 21.3723, 23.2744**.

A 20% lighter version of the original color is **42.2110, 47.8635, 62.8909**, and **6.9820, 8.4095, 12.5645** is the 20% darker color. If you saturate the color by 10%, you get **17.6633, 21.0492, 31.1493**, and if you desaturate by 10%, it is **21.9679, 24.7303, 31.6330**.

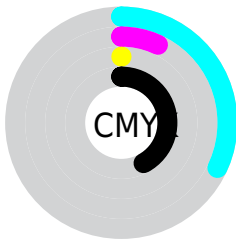
Distribution



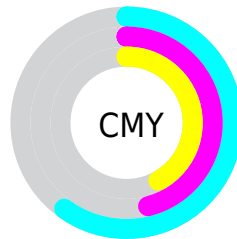
- Red (40%)
- Green (54%)
- Blue (58%)



- Red (40%)
- Yellow (47%)
- Blue (58%)



- Cyan (32%)
- Magenta (7%)
- Yellow (0%)
- Black (42%)



- Cyan (60%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6578, 22.7961, 31.3810 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 19.6578, 22.7961, 31.3810 by changing the saturation by 10% instead.

■ 19.6578, 22.7961,
31.3810

■ 19.6578, 22.7961,
31.3810

242.9255,
266.6760, 322.6951

■ 12.2534, 14.4430,
20.6282

■ 42.3510, 48.0583,
62.9260

■ 6.9899, 8.4294,
12.6639

■ 58.3706, 65.7362,
84.5554

■ 3.5021, 4.3709,
7.0696

■ 77.9925, 87.2912,
110.6473

■ 1.4245, 1.8832,
3.4265

■ 101.5822,
113.1077, 141.6204

■ 0.2736, 0.5382,
1.3163

129.5049,
143.5700, 177.8932

■ 0.0000, 0.0000,
0.0751

162.1262,

■ 0.0000, 0.0000,

179.0625, 219.8842

0.0000

199.8113,
219.9697, 268.0120

■ 19.6578, 22.7961,
31.3810

■ 19.6578, 22.7961,
31.3810

■ 17.6633, 21.0492,
31.1493

■ 21.9679, 24.7303,
31.6330

■ 15.9662, 19.4783,
30.9356

■ 24.6066, 26.8569,
31.9044

■ 14.5495, 18.0750,
30.7394

■ 27.5885, 29.1844,
32.1965

■ 13.3935, 16.8290,
30.5598

■ 30.9267, 31.7197,
32.5099

■ 12.4761, 15.7285,
30.3957

■ 34.6337, 34.4694,
32.8452

■ 11.7708, 14.7597,
30.2459

■ 38.7214, 37.4399,
33.2032

■ 11.2914, 14.0302,
30.1304

■ 43.2010, 40.6371,
33.5842

■ 48.0833, 44.0668,
33.9889

■ 53.3787, 47.7346,
34.4177

Harmonies

Analogous

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



18.9367, 22.7961, 27.1634



19.6578, 22.7961, 31.3810



20.9356, 22.7961, 33.9746

Triad

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



19.6578, 22.7961, 31.3810



24.6636, 22.7961, 27.0006



20.8832, 22.7961, 17.5123

Complementary

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



19.6578, 22.7961, 31.3810



20.3563, 18.8242, 14.8731

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.



22.4152, 22.7961, 17.4797



19.6578, 22.7961, 31.3810



24.6479, 22.7961, 22.6174

Square

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



19.6578, 22.7961, 31.3810



23.8505, 22.7961, 31.2497



23.8087, 22.7961, 19.2457



19.6210, 22.7961, 19.3407

Rectangle

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



19.6578, 22.7961, 31.3810



21.9541, 22.7961, 34.2580



23.8087, 22.7961, 19.2457



21.3825, 22.7961, 17.2989

Sweetspot

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



19.6585, 22.7970, 31.3815



44.1947, 48.0024, 56.3707



18.8801, 25.1161, 19.1729



9.9427, 10.8425, 12.8536



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.



19.6585, 22.7970, 31.3815



32.1640, 38.0305, 55.0800



16.6775, 16.8351, 30.3879



5.8503, 6.3345, 7.3841



9.6659, 12.0266, 25.7430



0.1407, 0.1920, 0.3225

Inverse Universe

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



21.3824, 17.4101, 25.9013



35.7588, 27.2670, 43.5469



23.2914, 24.6945, 15.8515



5.9779, 5.8862, 6.9896



13.0060, 6.4074, 14.0444



0.1705, 0.0829, 0.2314

Previews

White Background



This preview shows how the XYZ color 19.6578, 22.7961, 31.3810 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 19.6578, 22.7961, 31.3810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

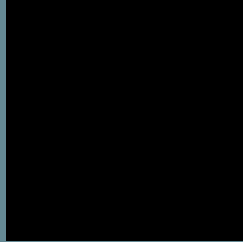
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.6578, 22.7961, 31.3810

Background



This preview shows how black text looks on a background with the XYZ color 19.6578, 22.7961, 31.3810.



This preview shows how white text looks on a background with the XYZ color 19.6578, 22.7961,

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

19.6578, 22.7961, 31.3810

Protanopia

22.0699, 22.6460, 29.5935

Deuteranopia

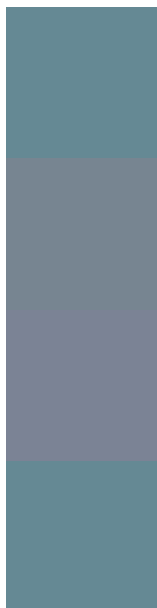
23.2159, 22.7912, 32.0297



Tritanopia

19.6578, 22.7961, 31.3810

Trichromacy



Original Color

19.6578, 22.7961, 31.3810

Protanomaly

21.1061, 22.7413, 30.0652

Deuteranomaly

21.7095, 22.6135, 31.6544

Tritanomaly

19.6578, 22.7961, 31.3810

Monochromacy



Original Color

19.6578, 22.7961, 31.3810

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.9607, 21.8334, 26.0839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6578, 22.7961, 31.3810 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(101, 137, 148)` looks like.

```
.text, #text, p{  
    color:rgb(101, 137, 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(101, 137, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 137, 148) }
```

Border

The CSS property to change the border of an element to XYZ 19.6578, 22.7961, 31.3810 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(101, 137, 148) }
```


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

```
.border{ border-color:rgb(101, 137, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 137, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 137, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 137, 148);  
box-shadow:4px 4px 4px 4px rgb(101, 137,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6578, 22.7961, 31.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 137, 148) }
```

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

```
.background{ background-color: rgb(101,  
137, 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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