

Converting Colors

XYZ(19.6490, 24.0442, 31.1273)

Have a look what the booklet for
XYZ(19.6490, 24.0442, 31.1273)
contains.

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Color

**XYZ(19.7050, 24.1312,
31.2230)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8F93
RGB	94, 143, 147
RGB Percent	37%, 56%, 58%
CMY	0.6314, 0.4392, 0.4235
CMYK	0.36, 0.03, 0.00, 0.42
HSL	185°, 22%, 47%
HSV	185°, 36%, 58%
XYZ	19.7050, 24.1312, 31.2230
YIQ	128.8050, -30.4880, -9.1440

Conversions

Conversions Part 2

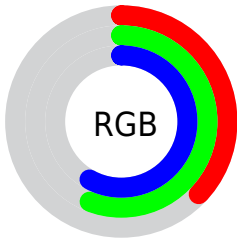
Format	Color
R _{YB}	94, 119, 147
Decimal	6197139
CIE Lab	56.22, -15.36, -7.37
CIE LCh	56, 17.040, 205.633
Yxy	24.1312, 0.2625, 0.3215
Android (android.graphics.Color)	4284387219 (0xFF5E8F93)
YUV	128.8050, 8.9701, -30.5240
Hunter-Lab	49.1235, -14.3641, -3.2984

Details

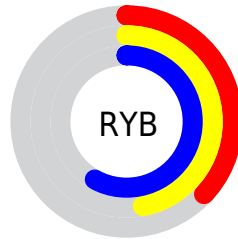
The XYZ color **19.7050, 24.1312, 31.2230** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.4210, 15.7468, 12.6587**, and the grayscale version is **20.7759, 21.8578, 23.8032**.

A 20% lighter version of the original color is **42.5415, 50.3526, 62.7352**, and **7.0219, 9.1868, 12.4695** is the 20% darker color. If you saturate the color by 10%, you get **18.1734, 23.0963, 31.1044**, and if you desaturate by 10%, it is **21.5268, 25.3194, 31.3567**.

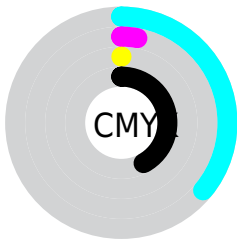
Distribution



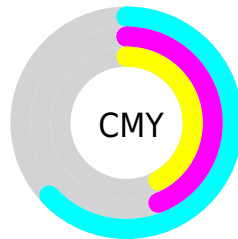
- Red (37%)
- Green (56%)
- Blue (58%)



- Red (37%)
- Yellow (47%)
- Blue (58%)



- Cyan (36%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (63%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7050, 24.1312, 31.2230 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 19.7050, 24.1312, 31.2230 by changing the saturation by 10% instead.

■ 19.7050, 24.1312,
31.2230

■ 19.7050, 24.1312,
31.2230

243.1777,
273.4831, 321.9473

■ 12.2878, 15.4310,
20.5088

■ 42.4298, 50.2442,
62.6747

■ 7.0136, 9.1224,
12.5777

■ 58.4680, 68.4258,
84.2493

■ 3.5170, 4.8211,
7.0111

■ 78.1107, 90.5366,
110.2811

■ 1.4327, 2.1427,
3.3905

■ 101.7232,
116.9611, 141.1886

■ 0.2793, 0.6885,
1.2973

129.6708,
148.0835, 177.3905

■ 0.0000, 0.0000,
0.0596

162.3188,

■ 0.0000, 0.0000,

184.2885, 219.3052

0.0000

200.0327,
225.9602, 267.3513

■ 19.7050, 24.1312,
31.2230

■ 19.7050, 24.1312,
31.2230

■ 18.1734, 23.0963,
31.1044

■ 21.5268, 25.3194,
31.3567

■ 16.9134, 22.2032,
30.9984

■ 23.6518, 26.6656,
31.5046

■ 15.9079, 21.4438,
30.9048

■ 26.0945, 28.1782,
31.6678

■ 15.1366, 20.8075,
30.8227

■ 28.8682, 29.8639,
31.8470

■ 14.5762, 20.2824,
30.7508

■ 31.9853, 31.7290,
32.0427

■ 14.1925, 19.8508,
30.6877

■ 35.4575, 33.7797,
32.2555

■ 14.0582, 19.6899,
30.6638

■ 39.2960, 36.0217,
32.4859

■ 43.5115, 38.4605,
32.7345

■ 48.1142, 41.1015,
33.0017

Harmonies

Analogous

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



19.3817, 24.1312, 25.4619



19.7050, 24.1312, 31.2230



20.8748, 24.1312, 36.2224

Triad

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



19.7050, 24.1312, 31.2230



26.1876, 24.1312, 32.8464



23.2240, 24.1312, 16.9200

Complementary

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



19.7050, 24.1312, 31.2230



18.4210, 15.7468, 12.6587

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.



25.1285, 24.1312, 18.3387



19.7050, 24.1312, 31.2230



26.9003, 24.1312, 27.1047

Square

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



19.7050, 24.1312, 31.2230



24.6043, 24.1312, 37.2494



26.5021, 24.1312, 21.8791



21.3449, 24.1312, 17.7000

Rectangle

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



19.7050, 24.1312, 31.2230



22.0140, 24.1312, 38.1709



26.5021, 24.1312, 21.8791



23.8833, 24.1312, 17.1492

Sweetspot

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



19.7057, 24.1322, 31.2236



44.3956, 49.0234, 56.5572



17.2329, 24.1206, 15.1881



10.0146, 11.1166, 12.9027



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.



19.7057, 24.1322, 31.2236



33.0983, 41.7418, 55.7471



16.2404, 17.2016, 30.0685



5.9271, 6.4881, 7.4097



12.1955, 17.0857, 26.5861



0.1582, 0.2271, 0.3284

Inverse Universe

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



20.9938, 16.1922, 28.0066



35.7806, 25.5535, 48.9708



21.2653, 21.4354, 13.6068



6.0166, 5.9017, 7.1937



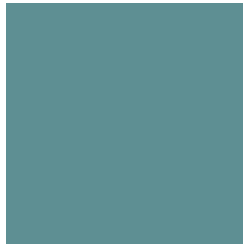
14.2828, 6.9182, 20.7679



0.1793, 0.0865, 0.2780

Previews

White Background



This preview shows how the XYZ color 19.7050, 24.1312, 31.2230 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 19.7050, 24.1312, 31.2230 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

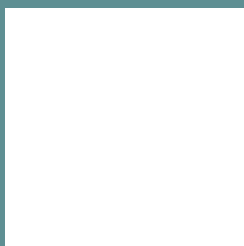
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.7050, 24.1312, 31.2230

Background



This preview shows how black text looks on a background with the XYZ color 19.7050, 24.1312, 31.2230.

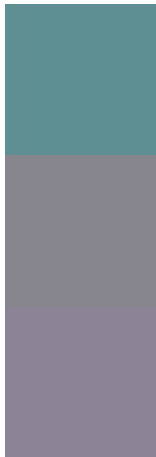


This preview shows how white text looks on a background with the XYZ color 19.7050, 24.1312,

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

19.7050, 24.1312, 31.2230

Protanopia

23.1869, 23.8490, 28.5805

Deuteranopia

24.4365, 24.0101, 32.2006



Tritanopia

20.2466, 24.1327, 33.7280

Trichromacy



Original Color

19.7050, 24.1312, 31.2230

Protanomaly

21.6493, 23.8676, 29.4525

Deuteranomaly

22.2572, 23.7088, 31.8370

Tritanomaly

19.9782, 24.0133, 32.8602

Monochromacy



Original Color

19.7050, 24.1312, 31.2230

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.1715, 22.5408, 26.5802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7050, 24.1312, 31.2230 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(94, 143, 147)` looks like.

```
.text, #text, p{  
    color:rgb(94, 143, 147)  
}
```

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(94, 143, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 143, 147) }
```

Border

The CSS property to change the border of an element to XYZ 19.7050, 24.1312, 31.2230 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(94, 143, 147) }
```


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

```
.border{ border-color:rgb(94, 143, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 143, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 143, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 143, 147);  
box-shadow:4px 4px 4px 4px rgb(94, 143,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7050, 24.1312, 31.2230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 143, 147) }
```

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

```
.background{ background-color: rgb(94, 143,  
147) }
```

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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