

Converting Colors

XYZ(19.2796, 22.6193, 30.5439)

Have a look what the booklet for
XYZ(19.2796, 22.6193, 30.5439)
contains.

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Color

**XYZ(19.2796, 22.6193,
30.5439)**

Conversions

Conversions Part 1

Format	Color
Hex	638992
RGB	99, 137, 146
RGB Percent	39%, 54%, 57%
CMY	0.6118, 0.4627, 0.4274
CMYK	0.32, 0.06, 0.00, 0.43
HSL	191°, 19%, 48%
HSV	191°, 32%, 57%
XYZ	19.2796, 22.6193, 30.5439
YIQ	126.6640, -25.5370, -5.2570

Conversions

Conversions Part 2

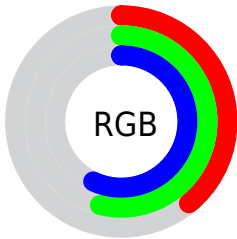
Format	Color
R_{YB}	99, 120, 146
Decimal	6523282
CIE _{Lab}	54.68, -10.87, -9.07
CIE _{LCh}	55, 14.151, 219.837
Yxy	22.6193, 0.2661, 0.3122
Android (android.graphics.Color)	4284713362 (0xFF638992)
YUV	126.6640, 9.5326, -24.2613
Hunter-Lab	47.5598, -10.8699, -4.7855

Details

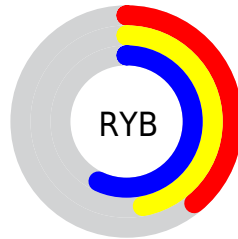
The XYZ color **19.2796, 22.6193, 30.5439** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.4691, 17.7373, 14.2026**, and the grayscale version is **20.0329, 21.0762, 22.9519**.

A 20% lighter version of the original color is **41.6013, 47.5764, 61.6341**, and **6.8349, 8.3390, 12.3157** is the 20% darker color. If you saturate the color by 10%, you get **17.4344, 21.0863, 30.3456**, and if you desaturate by 10%, it is **21.4248, 24.3233, 30.7601**.

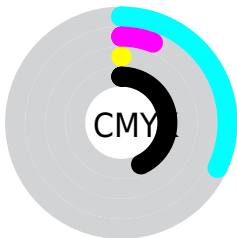
Distribution



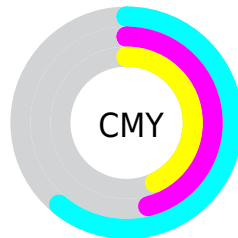
- Red (39%)
- Green (54%)
- Blue (57%)



- Red (39%)
- Yellow (47%)
- Blue (57%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (43%)



- Cyan (61%)
- Magenta (46%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2796, 22.6193, 30.5439 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 19.2796, 22.6193, 30.5439 by changing the saturation by 10% instead.

■ 19.2796, 22.6193,
30.5439

■ 19.2796, 22.6193,
30.5439

240.8966,
265.7636, 318.7174

■ 11.9777, 14.3127,
19.9962

■ 41.7193, 47.7675,
61.5924

■ 6.8006, 8.3384,
12.2083

■ 57.5877, 65.3778,
82.9303

■ 3.3829, 4.3123,
6.7614

■ 77.0424, 86.8581,
108.7021

■ 1.3593, 1.8497,
3.2372

■ 100.4486,
112.5928, 139.3262

■ 0.2270, 0.5179,
1.2170

128.1718,
142.9663, 175.2213

■ 0.0000, 0.0000,
0.0000

160.5773,

178.3630, 216.8058

198.0304,
219.1673, 264.4983

■ 19.2796, 22.6193,
30.5439

■ 19.2796, 22.6193,
30.5439

■ 17.4344, 21.0863,
30.3456

■ 21.4248, 24.3233,
30.7601

■ 15.8717, 19.7136,
30.1630

■ 23.8825, 26.2033,
30.9935

■ 14.5749, 18.4930,
29.9958

■ 26.6669, 28.2672,
31.2451

■ 13.5251, 17.4147,
29.8430

■ 29.7905, 30.5216,
31.5156

■ 12.7006, 16.4673,
29.7036

■ 33.2656, 32.9729,
31.8056

■ 12.0760, 15.6377,
29.5764

■ 37.1034, 35.6270,
32.1156

■ 11.6724, 15.0434,
29.4829

■ 41.3148, 38.4897,
32.4462

■ 45.9102, 41.5664,
32.7979

■ 50.8998, 44.8624,
33.1711

Harmonies

Analogous

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



18.6802, 22.6193, 26.1237



19.2796, 22.6193, 30.5439



20.4827, 22.6193, 33.5925

Triad

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



19.2796, 22.6193, 30.5439



24.4356, 22.6193, 27.7060



20.9912, 22.6193, 17.1052

Complementary

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



19.2796, 22.6193, 30.5439



19.4691, 17.7373, 14.2026

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.



22.5483, 22.6193, 17.4205



19.2796, 22.6193, 30.5439



24.5879, 22.6193, 23.1917

Square

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



19.2796, 22.6193, 30.5439



23.4758, 22.6193, 31.8218



23.8824, 22.6193, 19.5310



19.6363, 22.6193, 18.6103

Rectangle

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



19.2796, 22.6193, 30.5439



21.4904, 22.6193, 34.2434



23.8824, 22.6193, 19.5310



21.5075, 22.6193, 17.0064

Sweetspot

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



19.2803, 22.6202, 30.5444



43.0608, 46.9226, 54.7610



18.1114, 24.2854, 17.8143



9.4488, 10.3406, 12.1701



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.2803, 22.6202, 30.5444



31.4912, 37.8215, 53.6141



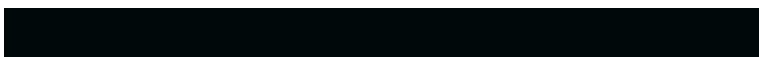
16.3387, 16.7369, 29.5639



5.8707, 6.3755, 7.3909



10.2869, 13.2686, 25.9500



0.1454, 0.2014, 0.3241

Inverse Universe

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



20.8318, 16.8415, 25.8206



34.7545, 26.1462, 43.5718



22.2386, 23.2763, 15.1257



5.9882, 5.8903, 7.0440



13.3194, 6.5328, 15.6951



0.1729, 0.0839, 0.2439

Previews

White Background



This preview shows how the XYZ color 19.2796, 22.6193, 30.5439 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 19.2796, 22.6193, 30.5439 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

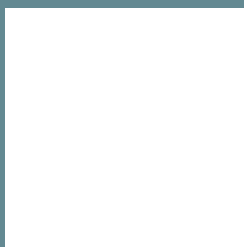
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2796, 22.6193, 30.5439

Background



This preview shows how black text looks on a background with the XYZ color 19.2796, 22.6193, 30.5439.



This preview shows how white text looks on a background with the XYZ color 19.2796, 22.6193,

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

19.2796, 22.6193, 30.5439

Protanopia

21.9963, 22.6342, 28.4088

Deuteranopia

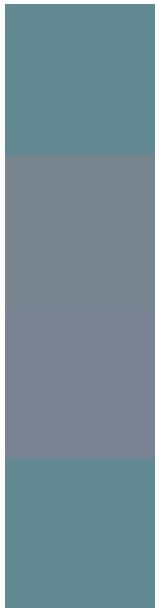
22.9263, 22.4678, 31.1453



Tritanopia

19.4365, 22.6821, 31.3706

Trichromacy



Original Color

19.2796, 22.6193, 30.5439

Protanomaly

20.9532, 22.6802, 29.2600

Deuteranomaly

21.4088, 22.4768, 30.8138

Tritanomaly

19.3577, 22.6506, 30.9555

Monochromacy



Original Color

19.2796, 22.6193, 30.5439

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.7555, 21.7357, 25.7084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2796, 22.6193, 30.5439 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(99, 137, 146)` looks like.

```
.text, #text, p{  
    color:rgb(99, 137, 146)  
}
```

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(99, 137, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 137, 146) }
```

Border

The CSS property to change the border of an element to XYZ 19.2796, 22.6193, 30.5439 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(99, 137, 146) }
```


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

```
.border{ border-color:rgb(99, 137, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 137, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 137, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 137, 146);  
box-shadow:4px 4px 4px 4px rgb(99, 137,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2796, 22.6193, 30.5439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 137, 146) }
```

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

```
.background{ background-color: rgb(99, 137,  
146) }
```

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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