

Converting Colors

XYZ(19.1044, 22.8222, 30.0000)

Have a look what the booklet for
XYZ(19.1044, 22.8222, 30.0000)
contains.

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Color

**XYZ(19.1291, 22.7627,
30.1735)**

Conversions

Conversions Part 1

Format	Color
Hex	618A91
RGB	97, 138, 145
RGB Percent	38%, 54%, 57%
CMY	0.6196, 0.4588, 0.4314
CMYK	0.33, 0.05, 0.00, 0.43
HSL	189°, 20%, 47%
HSV	189°, 33%, 57%
XYZ	19.1291, 22.7627, 30.1735
YIQ	126.5390, -26.6830, -6.5150

Conversions

Conversions Part 2

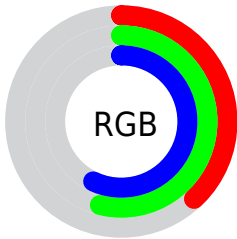
Format	Color
R _Y B	97, 119, 145
Decimal	6392465
CIE Lab	54.83, -12.27, -8.28
CIE LCh	55, 14.805, 213.991
Yxy	22.7627, 0.2654, 0.3159
Android (android.graphics.Color)	4284582545 (0xFF618A91)
YUV	126.5390, 9.1013, -25.9057
Hunter-Lab	47.7103, -11.9246, -4.0997

Details

The XYZ color **19.1291, 22.7627, 30.1735** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.7854, 16.7837, 13.5593**, and the grayscale version is **19.9919, 21.0330, 22.9049**.

A 20% lighter version of the original color is **41.3340, 47.7747, 61.0757**, and **6.7276, 8.4100, 12.0952** is the 20% darker color. If you saturate the color by 10%, you get **17.4229, 21.4377, 30.0081**, and if you desaturate by 10%, it is **21.1250, 24.2469, 30.3552**.

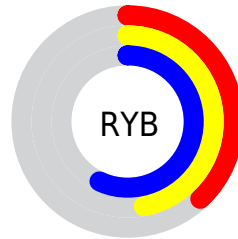
Distribution



Red (38%)

Green (54%)

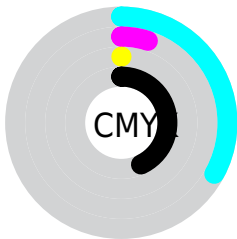
Blue (57%)



Red (38%)

Yellow (47%)

Blue (57%)

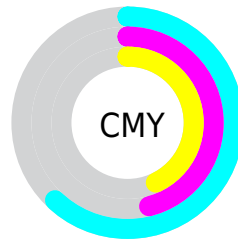


Cyan (33%)

Magenta (5%)

Yellow (0%)

Black (43%)



Cyan (62%)

Magenta (46%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1291, 22.7627, 30.1735 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 19.1291, 22.7627, 30.1735 by changing the saturation by 10% instead.

■ 19.1291, 22.7627,
30.1735

■ 19.1291, 22.7627,
30.1735

240.0850,
266.5038, 316.9448

■ 11.8682, 14.4184,
19.7171

■ 41.4673, 48.0034,
61.0007

■ 6.7255, 8.4122,
12.0076

■ 57.2753, 65.6685,
82.2086

■ 3.3358, 4.3598,
6.6262

■ 76.6630, 87.2094,
107.8375

■ 1.3338, 1.8768,
3.1546

■ 99.9958, 113.0105,
138.3058

■ 0.2083, 0.5344,
1.1741

127.6391,
143.4560, 174.0322

■ 0.0000, 0.0000,
0.0000

159.9581,

178.9305, 215.4351

197.3183,
219.8183, 262.9331

■ 19.1291, 22.7627,
30.1735

■ 19.1291, 22.7627,
30.1735

■ 17.4229, 21.4377,
30.0081

■ 21.1250, 24.2469,
30.3552

■ 15.9889, 20.2613,
29.8566

■ 23.4229, 25.8950,
30.5522

■ 14.8109, 19.2255,
29.7187

■ 26.0366, 27.7148,
30.7657

■ 13.8701, 18.3205,
29.5936

■ 28.9788, 29.7128,
30.9963

■ 13.1449, 17.5353,
29.4803

■ 32.2612, 31.8952,
31.2445

■ 12.6100, 16.8567,
29.3775

■ 35.8951, 34.2678,
31.5109

■ 12.3010, 16.4245,
29.3104

■ 39.8912, 36.8362,
31.7961

■ 44.2597, 39.6056,
32.1004

■ 49.0104, 42.5813,
32.4243

Harmonies

Analogous

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



18.6448, 22.7627, 25.4174



19.1291, 22.7627, 30.1735



20.2842, 22.7627, 33.8008

Triad

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



19.1291, 22.7627, 30.1735



24.5891, 22.7627, 28.9515



21.4169, 22.7627, 16.8360

Complementary

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



19.1291, 22.7627, 30.1735



18.7854, 16.7837, 13.5593

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.



23.0451, 22.7627, 17.5340



19.1291, 22.7627, 30.1735



24.9295, 22.7627, 24.1626

Square

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



19.1291, 22.7627, 30.1735



23.4431, 22.7627, 33.0351



24.3513, 22.7627, 20.0790



19.9229, 22.7627, 18.0369

Rectangle

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



19.1291, 22.7627, 30.1735



21.3074, 22.7627, 34.8737



24.3513, 22.7627, 20.0790



21.9664, 22.7627, 16.8574

Sweetspot

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



19.1298, 22.7636, 30.1740



43.2417, 47.2844, 54.8213



17.5240, 23.7800, 16.6044



9.4939, 10.4307, 12.1852



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.



19.1298, 22.7636, 30.1740



31.8509, 38.9059, 53.8044



16.1263, 16.7567, 29.1729



5.4942, 5.9842, 6.8943



10.5653, 14.1167, 25.1450



0.1128, 0.1586, 0.2443

Inverse Universe

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



20.5398, 16.4047, 26.1296



34.8469, 25.8420, 45.1104



21.4763, 22.1656, 14.4563



5.5929, 5.4977, 6.6203



13.1360, 6.4114, 16.8994



0.1316, 0.0637, 0.1930

Previews

White Background



This preview shows how the XYZ color 19.1291, 22.7627, 30.1735 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 19.1291, 22.7627, 30.1735 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

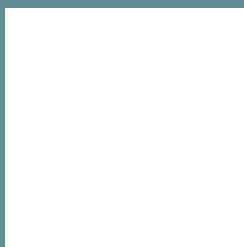
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1291, 22.7627, 30.1735

Background



This preview shows how black text looks on a background with the XYZ color 19.1291, 22.7627, 30.1735.



This preview shows how white text looks on a background with the XYZ color 19.1291, 22.7627,

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

19.1291, 22.7627, 30.1735

Protanopia

21.9222, 22.6045, 28.0186

Deuteranopia

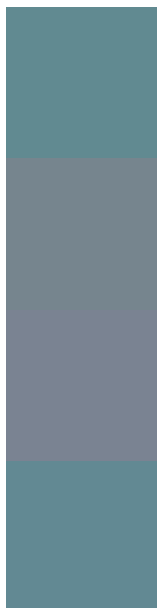
23.0092, 22.5196, 30.7378



Tritanopia

19.3280, 22.6261, 31.3656

Trichromacy



Original Color

19.1291, 22.7627, 30.1735

Protanomaly

20.7412, 22.5796, 28.8563

Deuteranomaly

21.3306, 22.4455, 30.4023

Tritanomaly

19.2491, 22.5946, 30.9504

Monochromacy



Original Color

19.1291, 22.7627, 30.1735

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.6218, 21.6668, 25.7022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1291, 22.7627, 30.1735 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(97, 138, 145) looks like.

```
.text, #text, p{  
    color:rgb(97, 138, 145)  
}
```

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(97, 138, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 138, 145) }
```

Border

The CSS property to change the border of an element to XYZ 19.1291, 22.7627, 30.1735 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(97, 138, 145) }
```


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

```
.border{ border-color:rgb(97, 138, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 138, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 138, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 138, 145);  
box-shadow:4px 4px 4px 4px rgb(97, 138,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1291, 22.7627, 30.1735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 138, 145) }
```

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

```
.background{ background-color: rgb(97, 138,  
145) }
```

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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