

Converting Colors

XYZ(19.2221, 22.6686, 29.6945)

Have a look what the booklet for
XYZ(19.2221, 22.6686, 29.6945)
contains.

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Color

**XYZ(19.2352, 22.6143,
29.7367)**

Conversions

Conversions Part 1

Format	Color
Hex	648990
RGB	100, 137, 144
RGB Percent	39%, 54%, 56%
CMY	0.6078, 0.4627, 0.4353
CMYK	0.31, 0.05, 0.00, 0.44
HSL	190°, 18%, 48%
HSV	190°, 31%, 56%
XYZ	19.2352, 22.6143, 29.7367
YIQ	126.7350, -24.2990, -5.6670

Conversions

Conversions Part 2

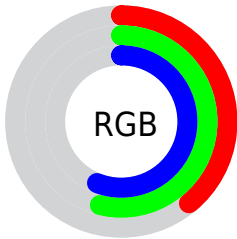
Format	Color
R_{YB}	100, 120, 144
Decimal	6588816
CIE _{Lab}	54.67, -11.07, -7.91
CIE _{LCh}	55, 13.605, 215.551
Y _{xy}	22.6143, 0.2687, 0.3159
Android (android.graphics.Color)	4284778896 (0xFF648990)
YUV	126.7350, 8.5116, -23.4466
Hunter-Lab	47.5545, -11.0193, -3.7870

Details

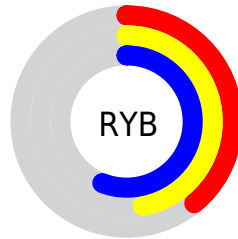
The XYZ color **19.2352, 22.6143, 29.7367** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.0597, 17.3648, 14.4041**, and the grayscale version is **20.0602, 21.1049, 22.9832**.

A 20% lighter version of the original color is **41.5554, 47.5795, 60.4196**, and **6.7938, 8.3283, 11.8391** is the 20% darker color. If you saturate the color by 10%, you get **17.4592, 21.2211, 29.5618**, and if you desaturate by 10%, it is **21.3010, 24.1683, 29.9282**.

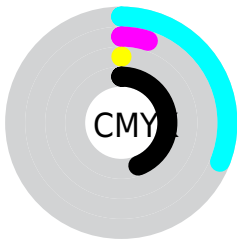
Distribution



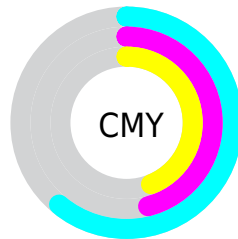
- Red (39%)
- Green (54%)
- Blue (56%)



- Red (39%)
- Yellow (47%)
- Blue (56%)



- Cyan (31%)
- Magenta (5%)
- Yellow (0%)
- Black (44%)



- Cyan (61%)
- Magenta (46%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2352, 22.6143, 29.7367 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 19.2352, 22.6143, 29.7367 by changing the saturation by 10% instead.

■ 19.2352, 22.6143,
29.7367

■ 19.2352, 22.6143,
29.7367

240.6574,
265.7377, 314.8442

■ 11.9454, 14.3090,
19.3885

■ 41.6450, 47.7592,
60.3016

■ 6.7784, 8.3359,
11.7717

■ 57.4956, 65.3676,
81.3554

■ 3.3690, 4.3106,
6.4677

■ 76.9305, 86.8458,
106.8147

■ 1.3518, 1.8488,
3.0582

■ 100.3152,
112.5782, 137.0982

■ 0.2215, 0.5173,
1.1244

128.0148,
142.9492, 172.6244

■ 0.0000, 0.0000,
0.0000

160.3948,

178.3432, 213.8117

197.8206,
219.1446, 261.0788

■ 19.2352, 22.6143,
29.7367

■ 19.2352, 22.6143,
29.7367

■ 17.4592, 21.2211,
29.5618

■ 21.3010, 24.1683,
29.9282

■ 15.9561, 19.9782,
29.4011

■ 23.6684, 25.8875,
30.1352

■ 14.7104, 18.8781,
29.2544

■ 26.3509, 27.7796,
30.3590

■ 13.7040, 17.9115,
29.1209

■ 29.3606, 29.8508,
30.6002

■ 12.9167, 17.0678,
28.9995

■ 32.7091, 32.1071,
30.8592

■ 12.3245, 16.3347,
28.8892

■ 36.4071, 34.5542,
31.1367

■ 11.8834, 15.7123,
28.7923

■ 40.4653, 37.1976,
31.4330

■ 44.8934, 40.0424,
31.7487

■ 49.7011, 43.0936,
32.0843

Harmonies

Analogous

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



18.7533, 22.6143, 25.4295



19.2352, 22.6143, 29.7367



20.3241, 22.6143, 32.9205

Triad

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



19.2352, 22.6143, 29.7367



24.2239, 22.6143, 28.1971



21.2169, 22.6143, 17.2924

Complementary

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



19.2352, 22.6143, 29.7367



19.0597, 17.3648, 14.4041

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.



22.7084, 22.6143, 17.8521



19.2352, 22.6143, 29.7367



24.4900, 22.6143, 23.8339

Square

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



19.2352, 22.6143, 29.7367



23.2125, 22.6143, 31.9617



23.9235, 22.6143, 20.1322



19.8629, 22.6143, 18.5037

Rectangle

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



19.2352, 22.6143, 29.7367



21.2716, 22.6143, 33.7955



23.9235, 22.6143, 20.1322



21.7184, 22.6143, 17.2815

Sweetspot

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



19.2359, 22.6152, 29.7372



42.3601, 46.0981, 53.2032



17.8620, 23.7093, 17.4352



9.5777, 10.4740, 12.1891



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.



19.2359, 22.6152, 29.7372



31.6200, 38.0887, 52.2233



16.4664, 17.0762, 28.8141



5.4883, 5.9723, 6.8923



10.3622, 13.7104, 25.0773



0.1117, 0.1564, 0.2440

Inverse Universe

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



20.5746, 16.8502, 25.8360



34.4366, 26.3474, 43.9288



21.5999, 22.4451, 15.2509



5.5899, 5.4965, 6.6045



13.0335, 6.3704, 16.3595



0.1310, 0.0635, 0.1901

Previews

White Background



This preview shows how the XYZ color 19.2352, 22.6143, 29.7367 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 19.2352, 22.6143, 29.7367 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 19.2352, 22.6143, 29.7367

Background



This preview shows how black text looks on a background with the XYZ color 19.2352, 22.6143, 29.7367.



This preview shows how white text looks on a background with the XYZ color 19.2352, 22.6143,

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

19.2352, 22.6143, 29.7367

Protanopia

21.8488, 22.5752, 27.6320

Deuteranopia

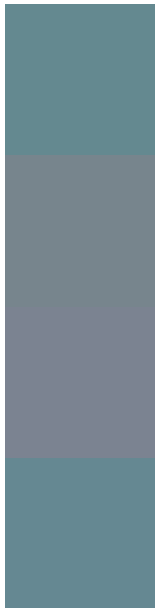
22.9310, 22.4883, 30.3262



Tritanopia

19.4374, 22.4816, 30.9187

Trichromacy



Original Color

19.2352, 22.6143, 29.7367

Protanomaly

20.8030, 22.6201, 28.4690

Deuteranomaly

21.3955, 22.4879, 30.0010

Tritanomaly

19.3593, 22.4503, 30.5071

Monochromacy



Original Color

19.2352, 22.6143, 29.7367

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.6861, 21.7080, 25.3428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2352, 22.6143, 29.7367 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(100, 137, 144)` looks like.

```
.text, #text, p{  
    color:rgb(100, 137, 144)  
}
```

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(100, 137, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 137, 144) }
```

Border

The CSS property to change the border of an element to XYZ 19.2352, 22.6143, 29.7367 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(100, 137, 144) }
```


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

```
.border{ border-color:rgb(100, 137, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 137, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 137, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 137, 144);  
box-shadow:4px 4px 4px 4px rgb(100, 137,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2352, 22.6143, 29.7367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 137, 144) }
```

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

```
.background{ background-color: rgb(100,  
137, 144) }
```

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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