

Converting Colors

XYZ(19.3320, 22.1156, 28.0190)

Have a look what the booklet for
XYZ(19.3320, 22.1156, 28.0190)
contains.

XYZ(19.3221, 22.0694, 28.0524)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.3221, 22.0694,
28.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	6B868C
RGB	107, 134, 140
RGB Percent	42%, 53%, 55%
CMY	0.5804, 0.4745, 0.4510
CMYK	0.24, 0.04, 0.00, 0.45
HSL	191°, 13%, 48%
HSV	191°, 24%, 55%
XYZ	19.3221, 22.0694, 28.0524
YIQ	126.6110, -18.0180, -3.8580

Conversions

Conversions Part 2

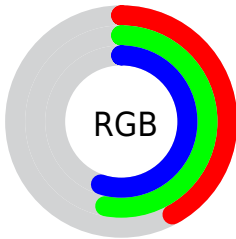
Format	Color
R_{YB}	107, 122, 140
Decimal	7046796
CIE _{Lab}	54.10, -8.16, -6.40
CIE _{LCh}	54, 10.371, 218.100
Y _{xy}	22.0694, 0.2782, 0.3178
Android (android.graphics.Color)	4285236876 (0xFF6B868C)
Y _{UV}	126.6110, 6.6008, -17.1988
Hunter-Lab	46.9781, -8.7945, -2.5197

Details

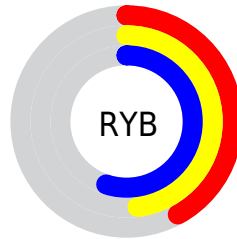
The XYZ color **19.3221, 22.0694, 28.0524** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.3744, 18.4473, 16.4499**, and the grayscale version is **20.0225, 21.0653, 22.9401**.

A 20% lighter version of the original color is **41.8060, 46.8066, 57.8701**, and **6.8194, 8.0086, 10.8593** is the 20% darker color. If you saturate the color by 10%, you get **17.4260, 20.5766, 27.8646**, and if you desaturate by 10%, it is **21.5006, 23.7215, 28.2568**.

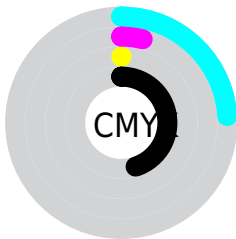
Distribution



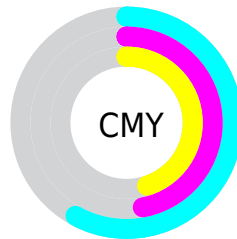
- Red (42%)
- Green (53%)
- Blue (55%)



- Red (42%)
- Yellow (48%)
- Blue (55%)



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)
- Black (45%)



- Cyan (58%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3221, 22.0694, 28.0524 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 19.3221, 22.0694, 28.0524 by changing the saturation by 10% instead.

■ 19.3221, 22.0694,
28.0524

■ 19.3221, 22.0694,
28.0524

241.1253,
262.9085, 306.6370

■ 12.0086, 13.9079,
18.1258

■ 41.7903, 46.8607,
57.5922

■ 6.8218, 8.0566,
10.8700

■ 57.6758, 64.2592,
78.0425

■ 3.3962, 4.1312,
5.8664

■ 77.1494, 85.5056,
102.8377

■ 1.3666, 1.7472,
2.6965

■ 100.5763,
110.9842, 132.3964

■ 0.2322, 0.4540,
0.9417

128.3220,
141.0794, 167.1371

■ 0.0000, 0.0000,
0.0000

160.7519,

176.1756, 207.4785

198.2312,
216.6571, 253.8389

■ 19.3221, 22.0694,
28.0524

■ 19.3221, 22.0694,
28.0524

■ 17.4260, 20.5766,
27.8646

■ 21.5006, 23.7215,
28.2568

■ 15.7971, 19.2334,
27.6911

■ 23.9716, 25.5365,
28.4769

■ 14.4218, 18.0334,
27.5320

■ 26.7476, 27.5214,
28.7137

■ 13.2845, 16.9684,
27.3864

■ 29.8392, 29.6819,
28.9678

■ 12.3680, 16.0293,
27.2534

■ 33.2569, 32.0234,
29.2396

■ 11.6522, 15.2060,
27.1322

■ 37.0106, 34.5511,
29.5297

■ 11.1135, 14.4859,
27.0216

■ 41.1096, 37.2699,
29.8384

■ 10.8136, 14.0532,
26.9539

■ 45.5631, 40.1845,
30.1663

■ 50.3799, 43.2997,
30.5137

Harmonies

Analogous

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



18.9098, 22.0694, 24.9120



19.3221, 22.0694, 28.0524



20.1810, 22.0694, 30.2384

Triad

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



19.3221, 22.0694, 28.0524



23.0449, 22.0694, 26.4116



20.6734, 22.0694, 18.4112

Complementary

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



19.3221, 22.0694, 28.0524



19.3744, 18.4473, 16.4499

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.



21.7923, 22.0694, 18.7352



19.3221, 22.0694, 28.0524



23.1881, 22.0694, 23.1687

Square

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



19.3221, 22.0694, 28.0524



22.3375, 22.0694, 29.2337



22.7223, 22.0694, 20.4114



19.6716, 22.0694, 19.4833

Rectangle

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



19.3221, 22.0694, 28.0524



20.9048, 22.0694, 30.7576



22.7223, 22.0694, 20.4114



21.0480, 22.0694, 18.3625

Sweetspot

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



19.3228, 22.0703, 28.0529



40.6437, 43.8431, 50.0634



18.3945, 23.0634, 18.9582



9.3157, 10.0662, 11.5314



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.3228, 22.0703, 28.0529



32.3274, 37.5547, 49.2879



17.2759, 17.9766, 27.3706



5.0969, 5.5367, 6.4059



9.6212, 12.5127, 23.9538



0.0732, 0.1018, 0.1622

Inverse Universe

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



20.3765, 17.8126, 24.9194



34.5284, 28.8622, 42.6979



21.3197, 22.3379, 17.0983



5.1955, 5.1136, 6.1180



12.3431, 6.0474, 14.8432



0.0867, 0.0421, 0.1234

Previews

White Background



This preview shows how the XYZ color 19.3221, 22.0694, 28.0524 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 19.3221, 22.0694, 28.0524 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 19.3221, 22.0694, 28.0524

Background



This preview shows how black text looks on a background with the XYZ color 19.3221, 22.0694, 28.0524.



This preview shows how white text looks on a background with the XYZ color 19.3221, 22.0694,

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

19.3221, 22.0694, 28.0524

Protanopia

21.2164, 21.8830, 26.3982

Deuteranopia

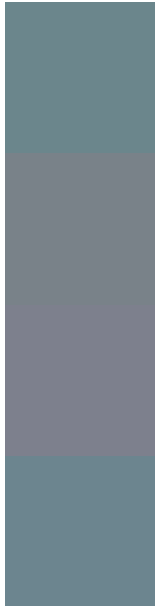
22.3694, 21.8545, 28.6305



Tritanopia

19.6059, 21.9768, 29.5942

Trichromacy



Original Color

19.3221, 22.0694, 28.0524

Protanomaly

20.3831, 21.8364, 26.8074

Deuteranomaly

20.9843, 21.7214, 28.2860

Tritanomaly

19.5298, 21.9464, 29.1933

Monochromacy



Original Color

19.3221, 22.0694, 28.0524

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.8932, 21.6243, 24.9552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3221, 22.0694, 28.0524 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(107, 134, 140)` looks like.

```
.text, #text, p{  
    color:rgb(107, 134, 140)  
}
```

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(107, 134, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 134, 140) }
```

Border

The CSS property to change the border of an element to XYZ 19.3221, 22.0694, 28.0524 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(107, 134, 140) }
```


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

```
.border{ border-color:rgb(107, 134, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 134, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 134, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 134, 140);  
box-shadow:4px 4px 4px 4px rgb(107, 134,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3221, 22.0694, 28.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 134, 140) }
```

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

```
.background{ background-color: rgb(107,  
134, 140) }
```

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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