

Converting Colors

XYZ(17.2849, 22.2644, 18.5939)

Have a look what the booklet for
XYZ(17.2849, 22.2644, 18.5939)
contains.

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Color

**XYZ(17.3028, 22.2877,
18.7192)**

Conversions

Conversions Part 1

Format	Color
Hex	638B70
RGB	99, 139, 112
RGB Percent	39%, 55%, 44%
CMY	0.6118, 0.4549, 0.5608
CMYK	0.29, 0.00, 0.19, 0.45
HSL	139°, 17%, 47%
HSV	139°, 29%, 55%
XYZ	17.3028, 22.2877, 18.7192
YIQ	123.9620, -15.1730, -16.8770

Conversions

Conversions Part 2

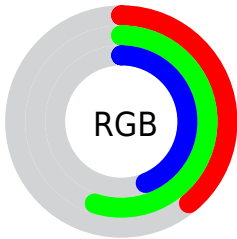
Format	Color
RYB	99, 129, 139
Decimal	6523760
CIELab	54.33, -19.77, 10.05
CIElCh	54, 22.183, 153.056
Yxy	22.2877, 0.2967, 0.3822
Android (android.graphics.Color)	4284713840 (0xFF638B70)
YUV	123.9620, -5.8973, -21.8917
Hunter-Lab	47.2099, -17.1955, 9.5378

Details

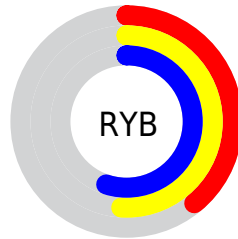
The XYZ color **17.3028, 22.2877, 18.7192** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.8759, 15.9195, 21.8174**, and the grayscale version is **19.1686, 20.1669, 21.9617**.

A 20% lighter version of the original color is **38.5333, 47.3996, 42.2401**, and **5.8630, 8.2187, 6.1278** is the 20% darker color. If you saturate the color by 10%, you get **15.4175, 21.3737, 16.0447**, and if you desaturate by 10%, it is **19.5052, 23.3601, 21.6938**.

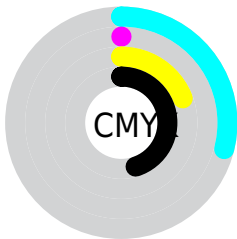
Distribution



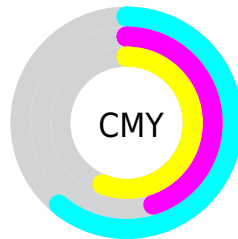
- Red (39%)
- Green (55%)
- Blue (44%)



- Red (39%)
- Yellow (51%)
- Blue (55%)



- Cyan (29%)
- Magenta (0%)
- Yellow (19%)
- Black (45%)



- Cyan (61%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3028, 22.2877, 18.7192 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 17.3028, 22.2877, 18.7192 by changing the saturation by 10% instead.

■ 17.3028, 22.2877,
18.7192

■ 17.3028, 22.2877,
18.7192

230.0337,
264.0450, 257.2650

■ 10.5473, 14.0685,
11.2928

■ 38.3851, 47.2210,
42.0894

■ 5.8283, 8.1683,
6.1475

■ 53.4426, 64.7039,
58.8703

■ 2.7806, 4.2028,
2.8647

■ 71.9982, 86.0435,
79.6065

■ 1.0388, 1.7877,
1.0260

■ 94.4171, 111.6241,
104.7165

■ 0.0000, 0.4795,
0.0000

121.0647,
141.8302, 134.6188

■ 0.0000, 0.0000,
0.0000

152.3065,

177.0461, 169.7319

188.5077,
217.6562, 210.4745

■ 17.3028, 22.2877,
18.7192

■ 17.3028, 22.2877,
18.7192

■ 15.4175, 21.3737,
16.0447

■ 19.5052, 23.3601,
21.6938

■ 13.8325, 20.6077,
13.6593

■ 22.0368, 24.5952,
24.9758

■ 12.5320, 19.9825,
11.5538

■ 24.9115, 26.0005,
28.5744

■ 11.4981, 19.4891,
9.7176

■ 28.1418, 27.5823,
32.4978

■ 10.7106, 19.1173,
8.1397

■ 31.7393, 29.3464,
36.7539

■ 10.1465, 18.8554,
6.8082

■ 35.7153, 31.2985,
41.3504

■ 9.7538, 18.6768,
5.7090

■ 40.0807, 33.4440,
46.2946

■ 9.7100, 18.6569,
5.5896

■ 44.8457, 35.7881,
51.5937

■ 50.0203, 38.3358,
57.2547

Harmonies

Analogous

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



18.7471, 22.2877, 14.7291



17.3028, 22.2877, 18.7192



16.8711, 22.2877, 24.9845

Triad

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



17.3028, 22.2877, 18.7192



21.4327, 22.2877, 40.1441



25.3253, 22.2877, 17.7038

Complementary

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



17.3028, 22.2877, 18.7192



18.8759, 15.9195, 21.8174

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.



26.1751, 22.2877, 23.5644



17.3028, 22.2877, 18.7192



23.8229, 22.2877, 37.2289

Square

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



17.3028, 22.2877, 18.7192



19.1457, 22.2877, 38.1814



25.6056, 22.2877, 30.8163



23.3616, 22.2877, 14.2259

Rectangle

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



17.3028, 22.2877, 18.7192



17.1866, 22.2877, 29.8659



25.6056, 22.2877, 30.8163



25.7572, 22.2877, 19.4165

Sweetspot

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



17.3034, 22.2886, 18.7197



39.2608, 43.9454, 44.4686



20.1390, 23.8281, 15.3424



8.9027, 10.0558, 10.0627



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.



17.3034, 22.2886, 18.7197



28.5697, 38.7404, 30.1216



18.5210, 22.7757, 25.1313



5.0345, 5.6333, 5.7027



8.7706, 16.8408, 5.0829



0.0644, 0.1143, 0.0663

Inverse Universe

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



18.8759, 15.9195, 21.8174



31.8940, 25.2661, 36.6632



17.7288, 15.4606, 15.7769



5.1659, 5.1018, 5.9619



11.4343, 5.6839, 10.0575



0.0827, 0.0405, 0.1023

Previews

White Background



This preview shows how the XYZ color 17.3028, 22.2877, 18.7192 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 17.3028, 22.2877, 18.7192 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 17.3028, 22.2877, 18.7192

Background



This preview shows how black text looks on a background with the XYZ color 17.3028, 22.2877, 18.7192.



This preview shows how white text looks on a background with the XYZ color 17.3028, 22.2877,

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

17.3028, 22.2877, 18.7192

Protanopia

20.8206, 22.0804, 17.0745

Deuteranopia

22.4607, 22.1081, 19.3031



Tritanopia

19.4616, 22.0978, 30.0276

Trichromacy



Original Color

17.3028, 22.2877, 18.7192

Protanomaly

19.3162, 22.0901, 17.7137

Deuteranomaly

20.2258, 21.9260, 19.0857

Tritanomaly

18.6313, 22.1853, 25.4905

Monochromacy



Original Color

17.3028, 22.2877, 18.7192

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.3107, 20.7014, 20.8000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3028, 22.2877, 18.7192 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, 139, 112) looks like.

```
.text, #text, p{  
    color:rgb(99, 139, 112)  
}
```

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, 139, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 139, 112) }
```

Border

The CSS property to change the border of an element to XYZ 17.3028, 22.2877, 18.7192 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, 139, 112) }
```


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

```
.border{ border-color:rgb(99, 139, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 139, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 139, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 139, 112);  
box-shadow:4px 4px 4px 4px rgb(99, 139,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3028, 22.2877, 18.7192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 139, 112) }
```

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

```
.background{ background-color: rgb(99, 139,  
112) }
```

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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