

Converting Colors

XYZ(18.1152, 22.9412, 18.9324)

Have a look what the booklet for
XYZ(18.1152, 22.9412, 18.9324)
contains.

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Color

**XYZ(18.1284, 22.9293,
18.7996)**

Conversions

Conversions Part 1

Format	Color
Hex	698C70
RGB	105, 140, 112
RGB Percent	41%, 55%, 44%
CMY	0.5882, 0.4510, 0.5608
CMYK	0.25, 0.00, 0.20, 0.45
HSL	132°, 14%, 48%
HSV	132°, 25%, 55%
XYZ	18.1284, 22.9293, 18.7996
YIQ	126.3430, -11.8720, -16.1280

Conversions

Conversions Part 2

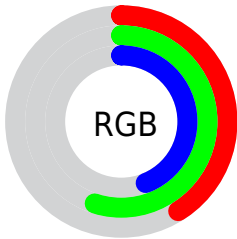
Format	Color
RYB	105, 134, 140
Decimal	6917232
CIELab	55.00, -18.22, 11.05
CIElCh	55, 21.306, 148.774
Yxy	22.9293, 0.3029, 0.3831
Android (android.graphics.Color)	4285107312 (0xFF698C70)
YUV	126.3430, -7.0711, -18.7178
Hunter-Lab	47.8845, -16.2204, 10.2418

Details

The XYZ color **18.1284, 22.9293, 18.7996** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.1012, 17.3725, 24.4850**, and the grayscale version is **19.9747, 21.0150, 22.8853**.

A 20% lighter version of the original color is **39.8973, 48.4320, 42.3675**, and **6.2689, 8.5524, 6.1708** is the 20% darker color. If you saturate the color by 10%, you get **16.0322, 21.9169, 15.6463**, and if you desaturate by 10%, it is **20.5742, 24.1142, 22.3752**.

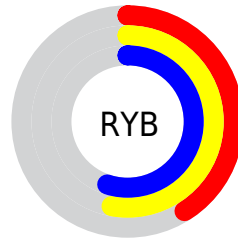
Distribution



Red (41%)

Green (55%)

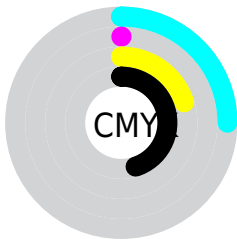
Blue (44%)



Red (41%)

Yellow (53%)

Blue (55%)

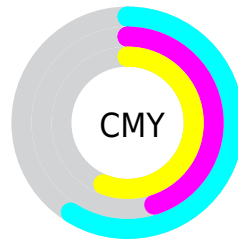


Cyan (25%)

Magenta (0%)

Yellow (20%)

Black (45%)



Cyan (59%)

Magenta (45%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1284, 22.9293, 18.7996 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 18.1284, 22.9293, 18.7996 by changing the saturation by 10% instead.

■ 18.1284, 22.9293,
18.7996

■ 18.1284, 22.9293,
18.7996

234.6254,
267.3617, 257.7259

■ 11.1425, 14.5413,
11.3502

■ 39.7844, 48.2772,
42.2274

■ 6.2307, 8.4981,
6.1858

■ 55.1851, 66.0059,
59.0428

■ 3.0279, 4.4153,
2.8878

■ 74.1215, 87.6170,
79.8174

■ 1.1685, 1.9085,
1.0376

■ 96.9588, 113.4948,
104.9697

■ 0.0813, 0.5535,
0.0000

124.0626,
144.0238, 134.9181

■ 0.0000, 0.0000,
0.0000

155.7980,

179.5884, 170.0813

192.5305,
220.5728, 210.8777

■ 18.1284, 22.9293,
18.7996

■ 18.1284, 22.9293,
18.7996

■ 16.0322, 21.9169,
15.6463

■ 20.5742, 24.1142,
22.3752

■ 14.2676, 21.0663,
12.8983

■ 23.3828, 25.4762,
26.3864

■ 12.8180, 20.3697,
10.5395

■ 26.5688, 27.0232,
30.8477

■ 11.6643, 19.8177,
8.5522

■ 30.1458, 28.7619,
35.7725

■ 10.7855, 19.3999,
6.9176

■ 34.1263, 30.6985,
41.1736

■ 10.1576, 19.1044,
5.6147

■ 38.5226, 32.8391,
47.0634

■ 9.7491, 18.9155,
4.6205

■ 43.3462, 35.1893,
53.4537

■ 9.5882, 18.8409,
4.2300

■ 48.6084, 37.7547,
60.3562

■ 54.3199, 40.5407,
67.7817

Harmonies

Analogous

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



19.6752, 22.9293, 15.1944



18.1284, 22.9293, 18.7996



17.5523, 22.9293, 24.6883

Triad

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



18.1284, 22.9293, 18.7996



21.6964, 22.9293, 40.3983



26.0317, 22.9293, 19.2022

Complementary

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



18.1284, 22.9293, 18.7996



20.1012, 17.3725, 24.4850

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.



26.6684, 22.9293, 25.2460



18.1284, 22.9293, 18.7996



24.0589, 22.9293, 38.2241

Square

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



18.1284, 22.9293, 18.7996



19.5181, 22.9293, 37.8549



25.9223, 22.9293, 32.3521



24.2395, 22.9293, 15.3955

Rectangle

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



18.1284, 22.9293, 18.7996



17.7619, 22.9293, 29.4010



25.9223, 22.9293, 32.3521



26.3935, 22.9293, 21.0013

Sweetspot

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



18.1290, 22.9303, 18.8001



39.5838, 44.1184, 44.1938



21.6017, 24.7638, 17.0061



8.9618, 10.0887, 9.9564



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.



18.1290, 22.9303, 18.8001



29.8054, 39.3832, 29.9234



19.2002, 23.3588, 24.4411



5.0101, 5.6235, 5.5743



8.5252, 16.7427, 3.7904



0.0609, 0.1129, 0.0479

Inverse Universe

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



20.1012, 17.3725, 24.4850



33.8963, 27.8495, 41.7118



18.9908, 16.9284, 18.6379



5.1917, 5.1121, 6.0980



12.2155, 5.9963, 14.1708



0.0862, 0.0419, 0.1207

Previews

White Background



This preview shows how the XYZ color 18.1284, 22.9293, 18.7996 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 18.1284, 22.9293, 18.7996 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 18.1284, 22.9293, 18.7996

Background



This preview shows how black text looks on a background with the XYZ color 18.1284, 22.9293, 18.7996.



This preview shows how white text looks on a background with the XYZ color 18.1284, 22.9293,

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

18.1284, 22.9293, 18.7996

Protanopia

21.4705, 22.8043, 17.4574

Deuteranopia

23.1330, 22.6435, 19.3711



Tritanopia

20.4078, 22.7828, 30.5160

Trichromacy



Original Color

18.1284, 22.9293, 18.7996

Protanomaly

20.0378, 22.6663, 17.7869

Deuteranomaly

20.9851, 22.5158, 19.1595

Tritanomaly

19.5554, 22.8638, 25.9367

Monochromacy



Original Color

18.1284, 22.9293, 18.7996

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.0387, 21.4646, 21.2288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1284, 22.9293, 18.7996 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(105, 140, 112)` looks like.

```
.text, #text, p{  
    color:rgb(105, 140, 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(105, 140, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 140, 112) }
```

Border

The CSS property to change the border of an element to XYZ 18.1284, 22.9293, 18.7996 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(105, 140, 112) }
```


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

```
.border{ border-color:rgb(105, 140, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 140, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 140, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 140, 112);  
box-shadow:4px 4px 4px 4px rgb(105, 140,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1284, 22.9293, 18.7996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 140, 112) }
```

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

```
.background{ background-color: rgb(105,  
140, 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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