

Converting Colors

XYZ(17.9026, 23.4627, 17.3714)

Have a look what the booklet for
XYZ(17.9026, 23.4627, 17.3714)
contains.

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Color

**XYZ(17.9558, 23.5312,
17.5055)**

Conversions

Conversions Part 1

Format	Color
Hex	668F6B
RGB	102, 143, 107
RGB Percent	40%, 56%, 42%
CMY	0.6000, 0.4392, 0.5804
CMYK	0.29, 0.00, 0.25, 0.44
HSL	127°, 17%, 48%
HSV	127°, 29%, 56%
XYZ	17.9558, 23.5312, 17.5055
YIQ	126.6370, -12.8800, -19.8880

Conversions

Conversions Part 2

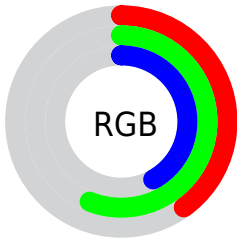
Format	Color
R_{YB}	102, 139, 143
Decimal	6721387
CIE _{Lab}	55.62, -21.79, 14.72
CIE _{LCh}	56, 26.298, 145.954
Yxy	23.5312, 0.3044, 0.3989
Android (android.graphics.Color)	4284911467 (0xFF668F6B)
YUV	126.6370, -9.6810, -21.6066
Hunter-Lab	48.5090, -18.8182, 12.5602

Details

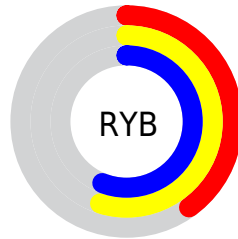
The XYZ color **17.9558, 23.5312, 17.5055** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.6673, 17.1779, 26.2722**, and the grayscale version is **20.0841, 21.1301, 23.0107**.

A 20% lighter version of the original color is **39.4642, 49.2712, 39.7780**, and **6.0848, 8.7269, 5.5014** is the 20% darker color. If you saturate the color by 10%, you get **15.8595, 22.5221, 14.2059**, and if you desaturate by 10%, it is **20.4289, 24.7248, 21.3245**.

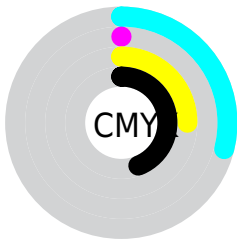
Distribution



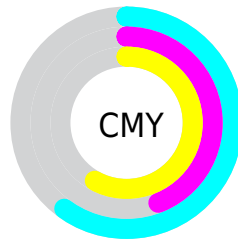
- Red (40%)
- Green (56%)
- Blue (42%)



- Red (40%)
- Yellow (55%)
- Blue (56%)



- Cyan (29%)
- Magenta (0%)
- Yellow (25%)
- Black (44%)



- Cyan (60%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9558, 23.5312, 17.5055 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 17.9558, 23.5312, 17.5055 by changing the saturation by 10% instead.

■ 17.9558, 23.5312,
17.5055

■ 17.9558, 23.5312,
17.5055

233.6722,
270.4417, 250.2106

■ 11.0178, 14.9862,
10.4298

■ 39.4927, 49.2641,
39.9954

■ 6.1462, 8.8097,
5.5755

■ 54.8222, 67.2208,
56.2466

■ 2.9757, 4.6173,
2.5242

■ 73.6796, 89.0836,
76.3935

■ 1.1409, 2.0245,
0.8529

■ 96.4302, 115.2368,
100.8545

■ 0.0589, 0.6217,
0.0000

123.4395,
146.0648, 130.0481

■ 0.0000, 0.0000,
0.0000

155.0726,

181.9520, 164.3930

191.6951,
223.2829, 204.3077

■ 17.9558, 23.5312,
17.5055

■ 17.9558, 23.5312,
17.5055

■ 15.8595, 22.5221,
14.2059

■ 20.4289, 24.7248,
21.3245

■ 14.1197, 21.6854,
11.4019

■ 23.2941, 26.1084,
25.6824

■ 12.7170, 21.0125,
9.0700


■ 26.5681, 27.6908,
30.5996


■ 11.6292, 20.4923,
7.1841


■ 30.2663, 29.4795,
36.0948


■ 10.8318, 20.1129,
5.7158


■ 34.4030, 31.4815,
42.1861


 10.2961, 19.8602,
4.6333


 38.9921, 33.7036,
48.8906

 9.9651, 19.7054,
3.8992

 44.0465, 36.1522,
56.2247

 9.9275, 19.6876,
3.8254

 49.5791, 38.8334,
64.2044

 55.6018, 41.7532,
72.8450

Harmonies

Analogous

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



19.9561, 23.5312, 13.5406



17.9558, 23.5312, 17.5055



17.1346, 23.5312, 24.4836

Triad

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



17.9558, 23.5312, 17.5055



21.9648, 23.5312, 45.6665



27.9092, 23.5312, 19.1040

Complementary

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



17.9558, 23.5312, 17.5055



20.6673, 17.1779, 26.2722

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.



28.5660, 23.5312, 26.7941



17.9558, 23.5312, 17.5055



24.9618, 23.5312, 43.3401

Square

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



17.9558, 23.5312, 17.5055



19.3156, 23.5312, 41.7207



27.4443, 23.5312, 35.9233



25.7211, 23.5312, 14.3099

Rectangle

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



17.9558, 23.5312, 17.5055



17.3075, 23.5312, 30.3897



27.4443, 23.5312, 35.9233



28.3242, 23.5312, 21.3801

Sweetspot

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



17.9564, 23.5322, 17.5060



41.4306, 46.6171, 45.5625



22.7388, 26.0271, 16.3960



9.3366, 10.6110, 10.1998



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.



17.9564, 23.5322, 17.5060



29.8069, 41.0089, 27.6673



19.1519, 24.0104, 23.8014



5.3680, 6.0394, 5.9037



8.7821, 17.4087, 3.4066



0.0881, 0.1681, 0.0546

Inverse Universe

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



20.6673, 17.1779, 26.2722



35.4310, 27.8206, 45.8497



19.3330, 16.6442, 19.2457



5.5983, 5.4999, 6.6489



13.3257, 6.4873, 17.8985



0.1326, 0.0641, 0.1983

Previews

White Background



This preview shows how the XYZ color 17.9558, 23.5312, 17.5055 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 17.9558, 23.5312, 17.5055 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

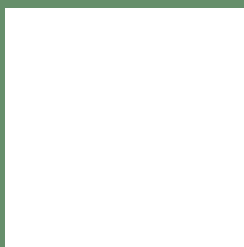
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9558, 23.5312, 17.5055

Background



This preview shows how black text looks on a background with the XYZ color 17.9558, 23.5312, 17.5055.



This preview shows how white text looks on a background with the XYZ color 17.9558, 23.5312,

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

17.9558, 23.5312, 17.5055

Protanopia

21.9411, 23.4851, 15.9470

Deuteranopia

23.6705, 23.3364, 18.0087



Tritanopia

20.9437, 23.6619, 31.8971

Trichromacy



Original Color

17.9558, 23.5312, 17.5055

Protanomaly

20.1967, 23.4028, 16.5494

Deuteranomaly

20.9794, 22.9475, 17.7916

Tritanomaly

19.7446, 23.6032, 26.0695

Monochromacy



Original Color

17.9558, 23.5312, 17.5055

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.2489, 21.9827, 20.9979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9558, 23.5312, 17.5055 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(102, 143, 107)` looks like.

```
.text, #text, p{  
    color:rgb(102, 143, 107)  
}
```

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(102, 143, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 143, 107) }
```

Border

The CSS property to change the border of an element to XYZ 17.9558, 23.5312, 17.5055 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(102, 143, 107) }
```


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

```
.border{ border-color:rgb(102, 143, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 143, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 143, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 143, 107);  
box-shadow:4px 4px 4px 4px rgb(102, 143,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9558, 23.5312, 17.5055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 143, 107) }
```

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

```
.background{ background-color: rgb(102,  
143, 107) }
```

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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