

Converting Colors

XYZ(17.2484, 22.7525, 20.3384)

Have a look what the booklet for
XYZ(17.2484, 22.7525, 20.3384)
contains.

XYZ(17.1494, 22.6094, 20.2898)	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(17.1494, 22.6094,
20.2898)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8D75
RGB	92, 141, 117
RGB Percent	36%, 55%, 46%
CMY	0.6392, 0.4470, 0.5412
CMYK	0.35, 0.00, 0.17, 0.45
HSL	151°, 21%, 46%
HSV	151°, 35%, 55%
XYZ	17.1494, 22.6094, 20.2898
YIQ	123.6130, -21.5000, -17.8520

Conversions

Conversions Part 2

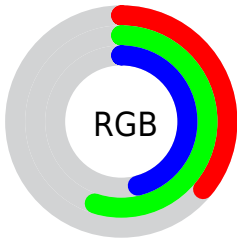
Format	Color
R_{YB}	92, 124, 141
Decimal	6065525
CIE Lab	54.67, -22.07, 7.60
CIE LCh	55, 23.340, 160.984
Yxy	22.6094, 0.2856, 0.3765
Android (android.graphics.Color)	4284255605 (0xFF5C8D75)
YUV	123.6130, -3.2602, -27.7246
Hunter-Lab	47.5493, -18.8326, 7.9849

Details

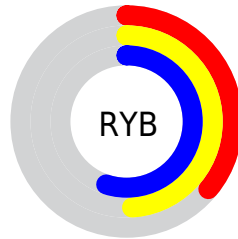
The XYZ color **17.1494, 22.6094, 20.2898** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.9648, 14.5785, 18.3910**, and the grayscale version is **19.0456, 20.0374, 21.8208**.

A 20% lighter version of the original color is **38.1781, 47.8241, 44.7549**, and **5.8115, 8.4254, 6.9502** is the 20% darker color. If you saturate the color by 10%, you get **15.4787, 21.7939, 18.1697**, and if you desaturate by 10%, it is **19.1135, 23.5739, 22.5810**.

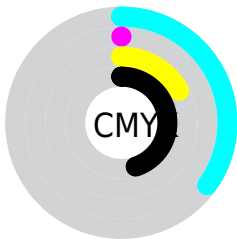
Distribution



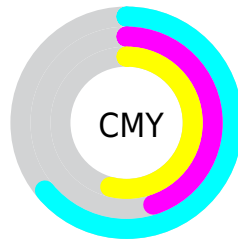
- Red (36%)
- Green (55%)
- Blue (46%)



- Red (36%)
- Yellow (49%)
- Blue (55%)



- Cyan (35%)
- Magenta (0%)
- Yellow (17%)
- Black (45%)



- Cyan (64%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1494, 22.6094, 20.2898 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 17.1494, 22.6094, 20.2898 by changing the saturation by 10% instead.

■ 17.1494, 22.6094,
20.2898

■ 17.1494, 22.6094,
20.2898

229.1714,
265.7124, 266.1356

■ 10.4370, 14.3054,
12.4197

■ 38.1240, 47.7512,
44.7679

■ 5.7542, 8.3334,
6.9042

■ 53.1170, 65.3577,
62.2129

■ 2.7354, 4.3090,
3.3247

■ 71.6009, 86.8338,
83.6867

■ 1.0154, 1.8479,
1.2627

■ 93.9410, 112.5639,
109.6078

■ 0.0000, 0.5167,
0.0310

120.5028,
142.9325, 140.3947

■ 0.0000, 0.0000,
0.0000

151.6515,

178.3238, 176.4659

187.7526,
219.1223, 218.2400

■ 17.1494, 22.6094,
20.2898

■ 17.1494, 22.6094,
20.2898

■ 15.4787, 21.7939,
18.1697

■ 19.1135, 23.5739,
22.5810

■ 14.0843, 21.1169,
16.2152

■ 21.3832, 24.6918,
25.0457

■ 12.9503, 20.5708,
14.4224


■ 23.9723, 25.9707,
27.6883


■ 12.0579, 20.1461,
12.7870


■ 26.8931, 27.4169,
30.5122


■ 11.3861, 19.8319,
11.3043


■ 30.1573, 29.0365,
33.5211


 10.9072, 19.6140,
9.9689

 33.7760, 30.8350,
36.7184

 10.6929, 19.5176,
9.3239

 37.7598, 32.8178,
40.1074

 42.1188, 34.9901,
43.6913

 46.8627, 37.3569,
47.4734

Harmonies

Analogous

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



18.4098, 22.6094, 15.4079



17.1494, 22.6094, 20.2898



16.9958, 22.6094, 27.4130

Triad

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



17.1494, 22.6094, 20.2898



22.4446, 22.6094, 41.2816



25.4385, 22.6094, 16.4561

Complementary

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



17.1494, 22.6094, 20.2898



17.9648, 14.5785, 18.3910

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.



26.7129, 22.6094, 22.0194



17.1494, 22.6094, 20.2898



24.8949, 22.6094, 36.9165

Square

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



17.1494, 22.6094, 20.2898



19.9198, 22.6094, 40.5619



26.5064, 22.6094, 29.5212



23.1397, 22.6094, 13.5185

Rectangle

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



17.1494, 22.6094, 20.2898



17.5266, 22.6094, 32.6427



26.5064, 22.6094, 29.5212



26.0089, 22.6094, 18.0293

Sweetspot

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



17.1500, 22.6103, 20.2903



40.3238, 45.2198, 46.9584



18.7265, 23.5708, 13.6882



8.8807, 10.0379, 10.3592



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.



17.1500, 22.6103, 20.2903



28.2346, 39.2792, 33.2181



18.7470, 23.2491, 28.6998



5.4505, 6.0724, 6.3381



9.7576, 17.7989, 8.5436



0.1044, 0.1746, 0.1403

Inverse Universe

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



17.9648, 14.5785, 18.3910



29.9298, 22.5715, 29.2686



16.7441, 14.0903, 11.9627



5.5121, 5.4654, 6.1945



11.0051, 5.5590, 5.6780



0.1163, 0.0576, 0.1126

Previews

White Background



This preview shows how the XYZ color 17.1494, 22.6094, 20.2898 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 17.1494, 22.6094, 20.2898 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 17.1494, 22.6094, 20.2898

Background



This preview shows how black text looks on a background with the XYZ color 17.1494, 22.6094, 20.2898.



This preview shows how white text looks on a background with the XYZ color 17.1494, 22.6094,

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

17.1494, 22.6094, 20.2898

Protanopia

21.1684, 22.4313, 18.2529

Deuteranopia

22.8836, 22.4808, 20.9024



Tritanopia

19.4365, 22.6821, 31.3706

Trichromacy



Original Color

17.1494, 22.6094, 20.2898

Protanomaly

19.3909, 22.3074, 18.9065

Deuteranomaly

20.1985, 22.0765, 20.6494

Tritanomaly

18.4277, 22.4699, 27.0328

Monochromacy



Original Color

17.1494, 22.6094, 20.2898

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.1159, 20.7905, 21.1473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1494, 22.6094, 20.2898 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(92, 141, 117)` looks like.

```
.text, #text, p{  
  color:rgb(92, 141, 117)  
}
```

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(92, 141, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 141, 117) }
```

Border

The CSS property to change the border of an element to XYZ 17.1494, 22.6094, 20.2898 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(92, 141, 117) }
```


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

```
.border{ border-color:rgb(92, 141, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 141, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 141, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 141, 117);  
box-shadow:4px 4px 4px 4px rgb(92, 141,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1494, 22.6094, 20.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 141, 117) }
```

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

```
.background{ background-color: rgb(92, 141,  
117) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor