

Converting Colors

XYZ(17.4069, 20.8955, 23.4481)

Have a look what the booklet for
XYZ(17.4069, 20.8955, 23.4481)
contains.

XYZ(17.4294, 20.9862, 23.5542)	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(17.4294, 20.9862,
23.5542)**

Conversions

Conversions Part 1

Format	Color
Hex	638580
RGB	99, 133, 128
RGB Percent	39%, 52%, 50%
CMY	0.6118, 0.4784, 0.4980
CMYK	0.26, 0.00, 0.04, 0.48
HSL	171°, 15%, 45%
HSV	171°, 26%, 52%
XYZ	17.4294, 20.9862, 23.5542
YIQ	122.2640, -18.6590, -8.7630

Conversions

Conversions Part 2

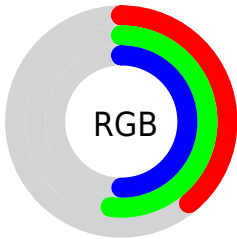
Format	Color
R_{YB}	99, 117, 133
Decimal	6522240
CIE _{Lab}	52.93, -13.07, -1.21
CIE _{LCh}	53, 13.122, 185.282
Yxy	20.9862, 0.2813, 0.3387
Android (android.graphics.Color)	4284712320 (0xFF638580)
YUV	122.2640, 2.8278, -20.4025
Hunter-Lab	45.8107, -12.2556, 1.5827

Details

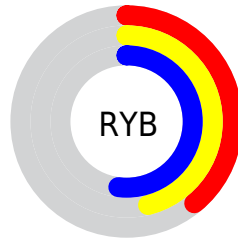
The XYZ color **17.4294, 20.9862, 23.5542** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.6341, 14.9103, 15.0988**, and the grayscale version is **18.5808, 19.5485, 21.2883**.

A 20% lighter version of the original color is **38.6619, 45.0333, 50.3707**, and **5.8698, 7.4548, 8.5267** is the 20% darker color. If you saturate the color by 10%, you get **15.9670, 20.2476, 22.8204**, and if you desaturate by 10%, it is **19.1349, 21.8509, 24.3133**.

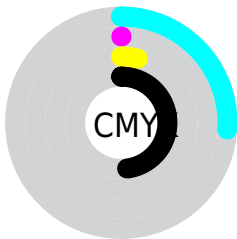
Distribution



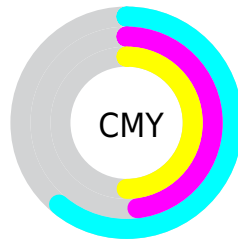
- Red (39%)
- Green (52%)
- Blue (50%)



- Red (39%)
- Yellow (46%)
- Blue (52%)



- Cyan (26%)
- Magenta (0%)
- Yellow (4%)
- Black (48%)



- Cyan (61%)
- Magenta (48%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4294, 20.9862, 23.5542 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 17.4294, 20.9862, 23.5542 by changing the saturation by 10% instead.

■ 17.4294, 20.9862,
23.5542

■ 17.4294, 20.9862,
23.5542

230.7432,
257.2051, 283.7725

■ 10.6383, 13.1139,
14.7941

■ 38.6004, 45.0646,
50.2364

■ 5.8897, 7.5070,
8.5300

■ 53.7109, 62.0394,
68.9956

■ 2.8181, 3.7812,
4.3433

■ 72.3254, 82.8173,
91.9250

■ 1.0583, 1.5519,
1.8155

■ 94.8091, 107.7825,
119.4430

■ 0.0000, 0.3249,
0.4382

121.5273,
137.3195, 151.9682

■ 0.0000, 0.0000,
0.0000

152.8455,

171.8127, 189.9191

189.1290,
211.6465, 233.7144

■ 17.4294, 20.9862,
23.5542

■ 17.4294, 20.9862,
23.5542

■ 15.9670, 20.2476,
22.8204

■ 19.1349, 21.8509,
24.3133

■ 14.7340, 19.6264,
22.1097

■ 21.0925, 22.8448,
25.0967

■ 13.7185, 19.1171,
21.4220

■ 23.3131, 23.9740,
25.9056

■ 12.9064, 18.7123,
20.7566

■ 25.8064, 25.2434,
26.7405

■ 12.2822, 18.4041,
20.1127

■ 28.5815, 26.6579,
27.6017

■ 11.8280, 18.1833,
19.4894

■ 31.6473, 28.2218,
28.4899

■ 11.5164, 18.0357,
18.8852

■ 35.0120, 29.9396,
29.4055

■ 11.3932, 17.9779,
18.6219

■ 38.6838, 31.8154,
30.3488

■ 42.6703, 33.8532,
31.3205

Harmonies

Analogous

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



17.6413, 20.9862, 19.8296



17.4294, 20.9862, 23.5542



17.8664, 20.9862, 27.5065

Triad

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



17.4294, 20.9862, 23.5542



21.5124, 20.9862, 29.6020



21.0723, 20.9862, 16.6421

Complementary

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



17.4294, 20.9862, 23.5542



16.6341, 14.9103, 15.0988

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.



22.1827, 20.9862, 18.7519



17.4294, 20.9862, 23.5542



22.4448, 20.9862, 26.1634

Square

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



17.4294, 20.9862, 23.5542



20.1910, 20.9862, 31.2453



22.6955, 20.9862, 22.1608



19.7045, 20.9862, 16.1125

Rectangle

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



17.4294, 20.9862, 23.5542



18.4792, 20.9862, 29.6528



22.6955, 20.9862, 22.1608



21.4900, 20.9862, 17.1771

Sweetspot

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



17.4300, 20.9871, 23.5547



36.8084, 40.4198, 44.5697



16.3608, 20.6258, 14.9237



8.1849, 9.0515, 9.9988



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.4300, 20.9871, 23.5547



29.5536, 36.7432, 41.3674



16.2294, 18.0459, 24.8191



4.7730, 5.2674, 5.8156



10.8541, 17.1245, 17.7490



0.0396, 0.0601, 0.0720

Inverse Universe

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



16.6341, 14.9103, 15.0988



27.8631, 23.8246, 23.3983



17.5992, 17.2351, 14.2039



4.6984, 4.6991, 5.0243



9.3323, 4.7972, 1.0561



0.0340, 0.0173, 0.0123

Previews

White Background



This preview shows how the XYZ color 17.4294, 20.9862, 23.5542 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 17.4294, 20.9862, 23.5542 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

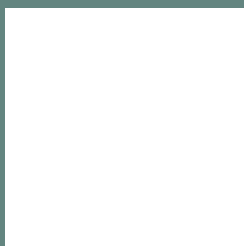
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4294, 20.9862, 23.5542

Background



This preview shows how black text looks on a background with the XYZ color 17.4294, 20.9862, 23.5542.



This preview shows how white text looks on a background with the XYZ color 17.4294, 20.9862,

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

17.4294, 20.9862, 23.5542

Protanopia

20.0250, 20.7896, 22.0261

Deuteranopia

21.1421, 20.7650, 24.0128



Tritanopia

18.4035, 20.9805, 28.2790

Trichromacy



Original Color

17.4294, 20.9862, 23.5542

Protanomaly

18.8921, 20.7706, 22.4154

Deuteranomaly

19.5917, 20.7176, 23.7352

Tritanomaly

18.0620, 21.0468, 26.4030

Monochromacy



Original Color

17.4294, 20.9862, 23.5542

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.0384, 19.9544, 21.9696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4294, 20.9862, 23.5542 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, 133, 128) looks like.

```
.text, #text, p{  
    color:rgb(99, 133, 128)  
}
```

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, 133, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 133, 128) }
```

Border

The CSS property to change the border of an element to XYZ 17.4294, 20.9862, 23.5542 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, 133, 128) }
```


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

```
.border{ border-color:rgb(99, 133, 128) }
```

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

Here you see how a box with a 4 pixel rgb(99, 133, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 133, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 133, 128);  
box-shadow:4px 4px 4px 4px rgb(99, 133,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4294, 20.9862, 23.5542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 133, 128) }
```

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

```
.background{ background-color: rgb(99, 133,  
128) }
```

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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