

Converting Colors

XYZ(17.1456, 20.8059, 23.2190)

Have a look what the booklet for
XYZ(17.1456, 20.8059, 23.2190)
contains.

XYZ(17.1481, 20.8488, 23.1991)	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(17.1481, 20.8488,
23.1991)**

Conversions

Conversions Part 1

Format	Color
Hex	61857F
RGB	97, 133, 127
RGB Percent	38%, 52%, 50%
CMY	0.6196, 0.4784, 0.5020
CMYK	0.27, 0.00, 0.05, 0.48
HSL	170°, 16%, 45%
HSV	170°, 27%, 52%
XYZ	17.1481, 20.8488, 23.1991
YIQ	121.5520, -19.5300, -9.4980

Conversions

Conversions Part 2

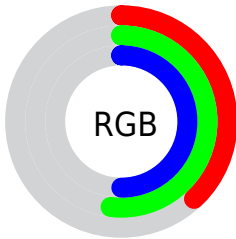
Format	Color
R_{YB}	97, 117, 133
Decimal	6391167
CIE _{Lab}	52.78, -13.95, -0.86
CIE _{LCh}	53, 13.979, 183.533
Yxy	20.8488, 0.2802, 0.3407
Android (android.graphics.Color)	4284581247 (0xFF61857F)
YUV	121.5520, 2.6859, -21.5321
Hunter-Lab	45.6605, -12.8690, 1.8384

Details

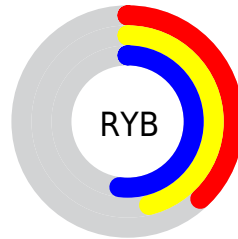
The XYZ color **17.1481, 20.8488, 23.1991** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.3965, 14.5158, 14.7705**, and the grayscale version is **18.3494, 19.3050, 21.0231**.

A 20% lighter version of the original color is **38.1916, 44.8027, 49.8149**, and **5.7350, 7.3895, 8.3318** is the 20% darker color. If you saturate the color by 10%, you get **15.7053, 20.1221, 22.3859**, and if you desaturate by 10%, it is **18.8329, 21.7010, 24.0412**.

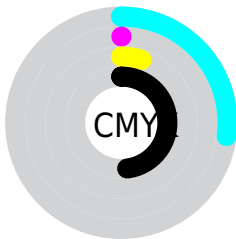
Distribution



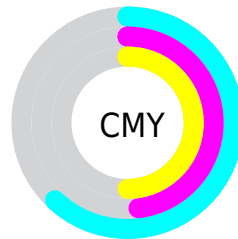
- Red (38%)
- Green (52%)
- Blue (50%)



- Red (38%)
- Yellow (46%)
- Blue (52%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (48%)



- Cyan (62%)
- Magenta (48%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1481, 20.8488, 23.1991 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 17.1481, 20.8488, 23.1991 by changing the saturation by 10% instead.

■ 17.1481, 20.8488,
23.1991

■ 17.1481, 20.8488,
23.1991

229.1640,
256.4739, 281.9010

■ 10.4361, 13.0135,
14.5339

■ 38.1218, 44.8358,
49.6474

■ 5.7535, 7.4379,
8.3500

■ 53.1142, 61.7562,
68.2675

■ 2.7350, 3.7374,
4.2287

■ 71.5975, 82.4739,
91.0431

■ 1.0152, 1.5278,
1.7516

■ 93.9370, 107.3731,
118.3926

■ 0.0000, 0.3082,
0.3958

120.4980,
136.8384, 150.7346

■ 0.0000, 0.0000,
0.0000

151.6460,

171.2540, 188.4877

187.7462,
211.0043, 232.0703

■ 17.1481, 20.8488,
23.1991

■ 17.1481, 20.8488,
23.1991

■ 15.7053, 20.1221,
22.3859

■ 18.8329, 21.7010,
24.0412

■ 14.4908, 19.5121,
21.5994

■ 20.7691, 22.6819,
24.9113

■ 13.4924, 19.0132,
20.8394

■ 22.9674, 23.7975,
25.8104

■ 12.6959, 18.6180,
20.1051

■ 25.4377, 25.0530,
26.7393

■ 12.0855, 18.3184,
19.3957

■ 28.1892, 26.4531,
27.6983

■ 11.6427, 18.1049,
18.7103

■ 31.2308, 28.0023,
28.6879

■ 11.3325, 17.9593,
18.0470

■ 34.5708, 29.7051,
29.7088

■ 11.2478, 17.9198,
17.8558

■ 38.2175, 31.5655,
30.7614

■ 42.1784, 33.5875,
31.8460

Harmonies

Analogous

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



17.4114, 20.8488, 19.3077



17.1481, 20.8488, 23.1991



17.5703, 20.8488, 27.4304

Triad

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



17.1481, 20.8488, 23.1991



21.4053, 20.8488, 30.0713



21.0918, 20.8488, 16.2462

Complementary

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



17.1481, 20.8488, 23.1991



16.3965, 14.5158, 14.7705

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.



22.2457, 20.8488, 18.5487



17.1481, 20.8488, 23.1991



22.4328, 20.8488, 26.4698

Square

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



17.1481, 20.8488, 23.1991



19.9894, 20.8488, 31.6927



22.7475, 20.8488, 22.2097



19.6439, 20.8488, 15.5942

Rectangle

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



17.1481, 20.8488, 23.1991



18.1964, 20.8488, 29.7878



22.7475, 20.8488, 22.2097



21.5293, 20.8488, 16.8377

Sweetspot

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



17.1487, 20.8497, 23.1996



36.7824, 40.4094, 44.4329



16.2085, 20.5582, 14.4235



8.1781, 9.0488, 9.9630



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.



17.1487, 20.8497, 23.1996



29.1940, 36.5719, 40.7132



16.0746, 18.0567, 24.8294



4.7692, 5.2659, 5.7957



10.7157, 17.0692, 17.0205



0.0393, 0.0600, 0.0705

Inverse Universe

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



16.3965, 14.5158, 14.7705



27.6316, 23.4026, 23.1951



17.2361, 16.6600, 13.6169



4.7019, 4.7005, 5.0427



9.3554, 4.8065, 1.1777



0.0342, 0.0174, 0.0138

Previews

White Background



This preview shows how the XYZ color 17.1481, 20.8488, 23.1991 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 17.1481, 20.8488, 23.1991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

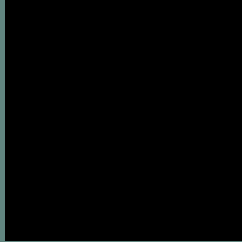
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.1481, 20.8488, 23.1991

Background



This preview shows how black text looks on a background with the XYZ color 17.1481, 20.8488, 23.1991.



This preview shows how white text looks on a background with the XYZ color 17.1481, 20.8488,

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

17.1481, 20.8488, 23.1991

Protanopia

19.8997, 20.7395, 21.3666

Deuteranopia

21.0753, 20.7383, 23.6610



Tritanopia

18.1795, 20.8650, 28.2685

Trichromacy



Original Color

17.1481, 20.8488, 23.1991

Protanomaly

18.6934, 20.6755, 22.0743

Deuteranomaly

19.3832, 20.6178, 23.3801

Tritanomaly

17.8408, 20.9328, 26.3927

Monochromacy



Original Color

17.1481, 20.8488, 23.1991

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.9090, 19.8877, 21.9636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1481, 20.8488, 23.1991 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(97, 133, 127) looks like.

```
.text, #text, p{  
    color:rgb(97, 133, 127)  
}
```

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(97, 133, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 133, 127) }
```

Border

The CSS property to change the border of an element to XYZ 17.1481, 20.8488, 23.1991 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(97, 133, 127) }
```


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

```
.border{ border-color:rgb(97, 133, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 133, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 133, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 133, 127);  
box-shadow:4px 4px 4px 4px rgb(97, 133,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1481, 20.8488, 23.1991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 133, 127) }
```

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

```
.background{ background-color: rgb(97, 133,  
127) }
```

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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