

Converting Colors

XYZ(17.7494, 20.6299, 27.1635)

Have a look what the booklet for
XYZ(17.7494, 20.6299, 27.1635)
contains.

XYZ(17.7407, 20.6642, 27.0983)	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(17.7407, 20.6642,
27.0983)**

Conversions

Conversions Part 1

Format	Color
Hex	62838A
RGB	98, 131, 138
RGB Percent	38%, 51%, 54%
CMY	0.6157, 0.4863, 0.4588
CMYK	0.29, 0.05, 0.00, 0.46
HSL	190°, 17%, 46%
HSV	190°, 29%, 54%
XYZ	17.7407, 20.6642, 27.0983
YIQ	121.9310, -21.9150, -4.8190

Conversions

Conversions Part 2

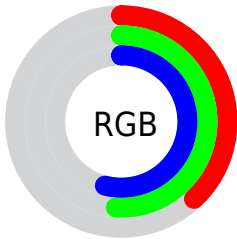
Format	Color
R_{YB}	98, 116, 138
Decimal	6456202
CIE _{Lab}	52.58, -9.86, -7.56
CIE _{LCh}	53, 12.423, 217.492
Yxy	20.6642, 0.2708, 0.3155
Android (android.graphics.Color)	4284646282 (0xFF62838A)
YUV	121.9310, 7.9220, -20.9875
Hunter-Lab	45.4579, -9.8887, -3.5234

Details

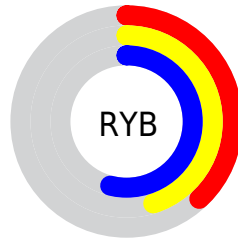
The XYZ color **17.7407, 20.6642, 27.0983** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.7376, 16.3884, 13.7841**, and the grayscale version is **18.4567, 19.4179, 21.1461**.

A 20% lighter version of the original color is **39.1221, 44.5266, 55.8228**, and **6.0454, 7.3921, 10.3407** is the 20% darker color. If you saturate the color by 10%, you get **16.0578, 19.3213, 26.9281**, and if you desaturate by 10%, it is **19.6891, 22.1562, 27.2839**.

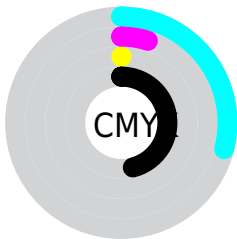
Distribution



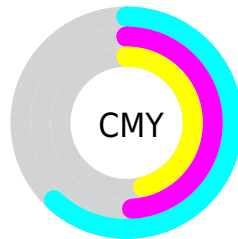
- Red (38%)
- Green (51%)
- Blue (54%)



- Red (38%)
- Yellow (45%)
- Blue (54%)



- Cyan (29%)
- Magenta (5%)
- Yellow (0%)
- Black (46%)



- Cyan (62%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7407, 20.6642, 27.0983 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 17.7407, 20.6642, 27.0983 by changing the saturation by 10% instead.

■ 17.7407, 20.6642,
27.0983

■ 17.7407, 20.6642,
27.0983

232.4794,
255.4885, 301.9080

■ 10.8625, 12.8788,
17.4140

■ 39.1285, 44.5280,
56.0472

■ 6.0411, 7.3451,
10.3650

■ 54.3689, 61.3751,
76.1489

■ 2.9110, 3.6789,
5.5329

■ 73.1275, 82.0117,
100.5601

■ 1.1069, 1.4956,
2.4990

■ 95.7695, 106.8219,
129.6994

■ 0.0308, 0.2856,
0.8396

122.6603,
136.1904, 163.9853

■ 0.0000, 0.0000,
0.0000

154.1653,

170.5013, 203.8363

190.6499,
210.1392, 249.6710

■ 17.7407, 20.6642,
27.0983

■ 17.7407, 20.6642,
27.0983

■ 16.0578, 19.3213,
26.9281

■ 19.6891, 22.1562,
27.2839

■ 14.6254, 18.1182,
26.7714

■ 21.9135, 23.8013,
27.4842

■ 13.4297, 17.0482,
26.6279

■ 24.4260, 25.6063,
27.7002

■ 12.4548, 16.1029,
26.4968

■ 27.2374, 27.5768,
27.9324

■ 11.6827, 15.2732,
26.3774

■ 30.3580, 29.7182,
28.1812

■ 11.0928, 14.5482,
26.2685

■ 33.7976, 32.0356,
28.4473

■ 10.6338, 13.9015,
26.1679

■ 37.5654, 34.5339,
28.7309

■ 10.5886, 13.8371,
26.1578

■ 41.6704, 37.2178,
29.0326

■ 46.1213, 40.0917,
29.3527

Harmonies

Analogous

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



17.2864, 20.6642, 23.4373



17.7407, 20.6642, 27.0983



18.7079, 20.6642, 29.7081

Triad

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



17.7407, 20.6642, 27.0983



22.0184, 20.6642, 25.3253



19.3196, 20.6642, 16.1754

Complementary

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



17.7407, 20.6642, 27.0983



17.7376, 16.3884, 13.7841

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.



20.6040, 20.6642, 16.5634



17.7407, 20.6642, 27.0983



22.1996, 20.6642, 21.5877

Square

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



17.7407, 20.6642, 27.0983



21.1868, 20.6642, 28.6089



21.6717, 20.6642, 18.4534



18.1717, 20.6642, 17.3288

Rectangle

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



17.7407, 20.6642, 27.0983



19.5326, 20.6642, 30.3547



21.6717, 20.6642, 18.4534



19.7492, 20.6642, 16.1323

Sweetspot

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



17.7413, 20.6650, 27.0988



38.5395, 41.8904, 48.4376



16.6586, 21.7871, 16.6027



8.5257, 9.3093, 10.8538



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.7413, 20.6650, 27.0988



29.2152, 34.7956, 47.5596



15.3457, 15.8738, 26.3002



5.0997, 5.5423, 6.4068



9.7174, 12.7052, 23.9859



0.0736, 0.1025, 0.1624

Inverse Universe

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



18.9461, 15.7778, 23.5205



31.7511, 24.8319, 39.9553



19.9777, 20.8685, 14.5307



5.1969, 5.1142, 6.1255



12.3917, 6.0668, 15.0990



0.0869, 0.0421, 0.1244

Previews

White Background



This preview shows how the XYZ color 17.7407, 20.6642, 27.0983 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 17.7407, 20.6642, 27.0983 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

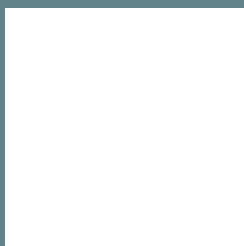
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.7407, 20.6642, 27.0983

Background



This preview shows how black text looks on a background with the XYZ color 17.7407, 20.6642, 27.0983.

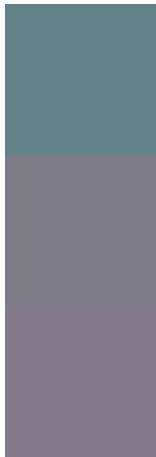


This preview shows how white text looks on a background with the XYZ color 17.7407, 20.6642,

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

17.7407, 20.6642, 27.0983

Protanopia

19.9682, 20.4965, 25.4580

Deuteranopia

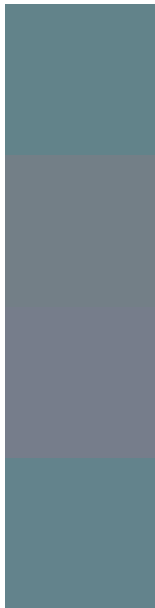
20.8991, 20.5583, 27.6776



Tritanopia

18.0696, 20.8083, 28.2633

Trichromacy



Original Color

17.7407, 20.6642, 27.0983

Protanomaly

19.0328, 20.5729, 25.8895

Deuteranomaly

19.4650, 20.3829, 27.3345

Tritanomaly

17.9955, 20.7787, 27.8732

Monochromacy



Original Color

17.7407, 20.6642, 27.0983

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.0399, 19.7365, 23.2808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7407, 20.6642, 27.0983 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(98, 131, 138) looks like.

```
.text, #text, p{  
    color:rgb(98, 131, 138)  
}
```

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(98, 131, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 131, 138) }
```

Border

The CSS property to change the border of an element to XYZ 17.7407, 20.6642, 27.0983 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(98, 131, 138) }
```


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

```
.border{ border-color:rgb(98, 131, 138) }
```

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

Here you see how a box with a 4 pixel rgb(98, 131, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 131, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 131, 138);  
box-shadow:4px 4px 4px 4px rgb(98, 131,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7407, 20.6642, 27.0983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 131, 138) }
```

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

```
.background{ background-color: rgb(98, 131,  
138) }
```

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