

Converting Colors

XYZ(18.6777, 22.8128, 27.0858)

Have a look what the booklet for
XYZ(18.6777, 22.8128, 27.0858)
contains.

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Color

**XYZ(18.6777, 22.8128,
27.0858)**

Conversions

Conversions Part 1

Format	Color
Hex	618B89
RGB	97, 139, 137
RGB Percent	38%, 55%, 54%
CMY	0.6196, 0.4549, 0.4627
CMYK	0.30, 0.00, 0.01, 0.45
HSL	177°, 18%, 46%
HSV	177°, 30%, 55%
XYZ	18.6777, 22.8128, 27.0858
YIQ	126.2140, -24.3900, -9.5260

Conversions

Conversions Part 2

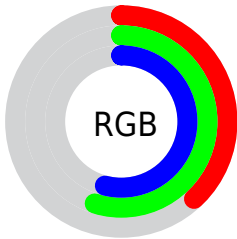
Format	Color
R_{YB}	97, 119, 139
Decimal	6392713
CIE _{Lab}	54.88, -14.82, -3.58
CIE _{LCh}	55, 15.248, 193.573
Yxy	22.8128, 0.2724, 0.3327
Android (android.graphics.Color)	4284582793 (0xFF618B89)
YUV	126.2140, 5.3175, -25.6207
Hunter-Lab	47.7627, -13.7821, -0.1889

Details

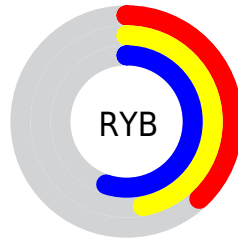
The XYZ color **18.6777, 22.8128, 27.0858** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.1750, 14.9397, 13.7836**, and the grayscale version is **19.8929, 20.9289, 22.7916**.

A 20% lighter version of the original color is **40.7587, 48.2472, 55.8796**, and **6.5116, 8.4613, 10.3068** is the 20% darker color. If you saturate the color by 10%, you get **17.2773, 22.0969, 26.7734**, and if you desaturate by 10%, it is **20.3393, 23.6645, 27.4129**.

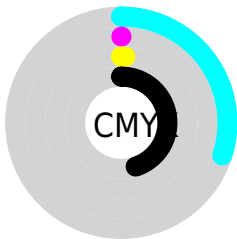
Distribution



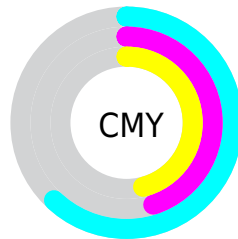
- Red (38%)
- Green (55%)
- Blue (54%)



- Red (38%)
- Yellow (47%)
- Blue (55%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (45%)



- Cyan (62%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6777, 22.8128, 27.0858 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 18.6777, 22.8128, 27.0858 by changing the saturation by 10% instead.

■ 18.6777, 22.8128,
27.0858

■ 18.6777, 22.8128,
27.0858

237.6361,
266.7620, 301.8456

■ 11.5402, 14.4553,
17.4047

■ 40.7099, 48.0858,
56.0269

■ 6.5014, 8.4380,
10.3584

■ 56.3353, 65.7701,
76.1240

■ 3.1958, 4.3765,
5.5285

■ 75.5208, 87.3321,
100.5301

■ 1.2581, 1.8863,
2.4965

■ 98.6316, 113.1562,
129.6639

■ 0.1516, 0.5401,
0.8383

126.0332,
143.6269, 163.9437

■ 0.0000, 0.0000,
0.0000

158.0909,

179.1285, 203.7883

195.1701,
220.0454, 249.6161

■ 18.6777, 22.8128,
27.0858

■ 18.6777, 22.8128,
27.0858

■ 17.2773, 22.0969,
26.7734

■ 20.3393, 23.6645,
27.4129

■ 16.1225, 21.5070,
26.4735

■ 22.2727, 24.6556,
27.7538

■ 15.1992, 21.0365,
26.1860

■ 24.4902, 25.7932,
28.1096

■ 14.4911, 20.6768,
25.9100

■ 27.0029, 27.0829,
28.4806

■ 13.9797, 20.4185,
25.6448

■ 29.8213, 28.5302,
28.8675

■ 13.6434, 20.2505,
25.3893

■ 32.9553, 30.1402,
29.2707

■ 13.4238, 20.1424,
25.1459

■ 36.4145, 31.9178,
29.6907

■ 40.2079, 33.8676,
30.1279

■ 44.3442, 35.9942,
30.5826

Harmonies

Analogous

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



18.7156, 22.8128, 22.3016



18.6777, 22.8128, 27.0858



19.4148, 22.8128, 31.8149

Triad

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



18.6777, 22.8128, 27.0858



23.9985, 22.8128, 32.2027



22.6140, 22.8128, 16.9458

Complementary

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



18.6777, 22.8128, 27.0858



17.1750, 14.9397, 13.7836

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.



24.1210, 22.8128, 18.9659



18.6777, 22.8128, 27.0858



24.9483, 22.8128, 27.5624

Square

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



18.6777, 22.8128, 27.0858



22.4537, 22.8128, 35.0178



24.9943, 22.8128, 22.7205



20.9299, 22.8128, 16.8531

Rectangle

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



18.6777, 22.8128, 27.0858



20.2699, 22.8128, 34.1303



24.9943, 22.8128, 22.7205



23.1601, 22.8128, 17.4088

Sweetspot

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



18.6784, 22.8137, 27.0863



40.2664, 44.3477, 49.7638



16.5474, 21.9875, 14.6814



9.1658, 10.1610, 11.4480



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.



18.6784, 22.8137, 27.0863



31.7497, 39.9844, 48.1341



16.3191, 17.8631, 27.0151



5.1627, 5.6846, 6.3778



12.1168, 18.1793, 22.7038



0.0820, 0.1214, 0.1586

Inverse Universe

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



17.1750, 14.9397, 13.7836



28.6269, 23.6225, 20.4968



19.0398, 18.8205, 13.9388



5.0419, 5.0522, 5.3092



9.6445, 4.9679, 0.6321



0.0652, 0.0334, 0.0100

Previews

White Background



This preview shows how the XYZ color 18.6777, 22.8128, 27.0858 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 18.6777, 22.8128, 27.0858 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 18.6777, 22.8128, 27.0858

Background



This preview shows how black text looks on a background with the XYZ color 18.6777, 22.8128, 27.0858.



This preview shows how white text looks on a background with the XYZ color 18.6777, 22.8128,

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

18.6777, 22.8128, 27.0858

Protanopia

21.8204, 22.6178, 25.0454

Deuteranopia

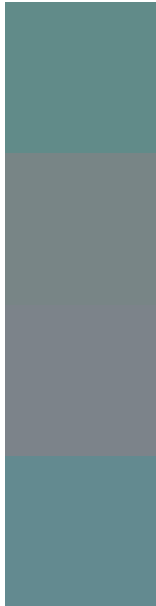
23.0648, 22.6183, 27.5762



Tritanopia

19.5465, 22.7388, 31.3758

Trichromacy



Original Color

18.6777, 22.8128, 27.0858

Protanomaly

20.4363, 22.4894, 25.8180

Deuteranomaly

21.0159, 22.3527, 27.2516

Tritanomaly

19.2681, 22.8432, 29.7792

Monochromacy



Original Color

18.6777, 22.8128, 27.0858

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.2158, 21.4891, 24.2541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6777, 22.8128, 27.0858 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, 139, 137)` looks like.

```
.text, #text, p{  
    color:rgb(97, 139, 137)  
}
```

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, 139, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 139, 137) }
```

Border

The CSS property to change the border of an element to XYZ 18.6777, 22.8128, 27.0858 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, 139, 137) }
```


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

```
.border{ border-color:rgb(97, 139, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 139, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 139, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 139, 137);  
box-shadow:4px 4px 4px 4px rgb(97, 139,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6777, 22.8128, 27.0858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 139, 137) }
```

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

```
.background{ background-color: rgb(97, 139,  
137) }
```

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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