

Converting Colors

XYZ(19.5770, 22.7533, 26.8460)

Have a look what the booklet for
XYZ(19.5770, 22.7533, 26.8460)
contains.

XYZ(19.6454, 22.8856, 27.0489)	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(19.6454, 22.8856,
27.0489)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8989
RGB	108, 137, 137
RGB Percent	42%, 54%, 54%
CMY	0.5765, 0.4627, 0.4627
CMYK	0.21, 0.00, 0.00, 0.46
HSL	180°, 12%, 48%
HSV	180°, 21%, 54%
XYZ	19.6454, 22.8856, 27.0489
YIQ	128.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

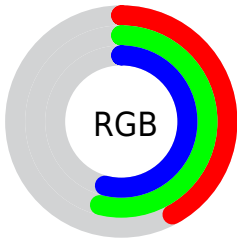
Format	Color
RYB	108, 123, 137
Decimal	7113097
CIELab	54.95, -10.21, -3.39
CIElCh	55, 10.759, 198.374
Yxy	22.8856, 0.2823, 0.3289
Android (android.graphics.Color)	4285303177 (0xFF6C8989)
YUV	128.3290, 4.2748, -17.8285
Hunter-Lab	47.8389, -10.4157, -0.0363

Details

The XYZ color **19.6454, 22.8856, 27.0489** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.3867, 17.1269, 16.5251**, and the grayscale version is **20.6225, 21.6965, 23.6275**.

A 20% lighter version of the original color is **42.2049, 48.0182, 55.7592**, and **6.9920, 8.4652, 10.2822** is the 20% darker color. If you saturate the color by 10%, you get **18.1085, 22.0939, 26.9772**, and if you desaturate by 10%, it is **21.4455, 23.8142, 27.1339**.

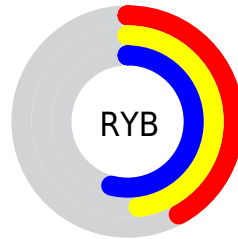
Distribution



Red (42%)

Green (54%)

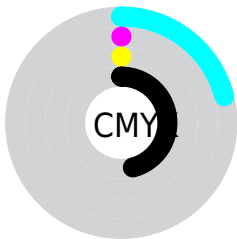
Blue (54%)



Red (42%)

Yellow (48%)

Blue (54%)

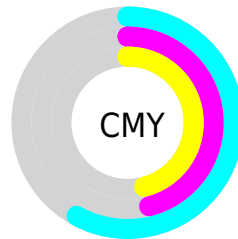


Cyan (21%)

Magenta (0%)

Yellow (0%)

Black (46%)



Cyan (58%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6454, 22.8856, 27.0489 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 19.6454, 22.8856, 27.0489 by changing the saturation by 10% instead.

■ 19.6454, 22.8856,
27.0489

■ 19.6454, 22.8856,
27.0489

242.8593,
267.1369, 301.6615

■ 12.2443, 14.5091,
17.3772

■ 42.3304, 48.2054,
55.9670

■ 6.9837, 8.4756,
10.3390

■ 58.3449, 65.9175,
76.0505

■ 3.4981, 4.4007,
5.5158

■ 77.9614, 87.5102,
100.4417

■ 1.4223, 1.9002,
2.4890

■ 101.5451,
113.3679, 129.5590

■ 0.2721, 0.5485,
0.8343

129.4614,
143.8750, 163.8212

■ 0.0000, 0.0000,
0.0000

162.0756,

179.4160, 203.6466

199.7531,
220.3751, 249.4538

■ 19.6454, 22.8856,
27.0489

■ 19.6454, 22.8856,
27.0489

■ 18.1085, 22.0939,
26.9772

■ 21.4455, 23.8142,
27.1339

■ 16.8207, 21.4300,
26.9166

■ 23.5182, 24.8827,
27.2312

■ 15.7693, 20.8880,
26.8671

■ 25.8748, 26.0976,
27.3418

■ 14.9400, 20.4605,
26.8280

■ 28.5257, 27.4641,
27.4661

■ 14.3170, 20.1393,
26.7986

■ 31.4803, 28.9873,
27.6047

■ 13.8821, 19.9151,
26.7780

■ 34.7479, 30.6718,
27.7579

■ 13.6141, 19.7770,
26.7651

■ 38.3374, 32.5222,
27.9261

■ 13.4611, 19.6981,
26.7577

■ 42.2571, 34.5429,
28.1099

■ 46.5153, 36.7381,
28.3094

Harmonies

Analogous

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



19.5801, 22.8856, 23.6169



19.6454, 22.8856, 27.0489



20.2625, 22.8856, 30.1631

Triad

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



19.6454, 22.8856, 27.0489



23.5136, 22.8856, 29.5459



22.2180, 22.8856, 19.0177

Complementary

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



19.6454, 22.8856, 27.0489



18.3867, 17.1269, 16.5251

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.



23.3129, 22.8856, 20.3201



19.6454, 22.8856, 27.0489



24.0790, 22.8856, 26.2671

Square

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



19.6454, 22.8856, 27.0489



22.4837, 22.8856, 31.6931



24.0042, 22.8856, 22.9031



21.0365, 22.8856, 19.1854

Rectangle

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



19.6454, 22.8856, 27.0489



20.9169, 22.8856, 31.5435



24.0042, 22.8856, 22.9031



22.6091, 22.8856, 19.2929

Sweetspot

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



19.6461, 22.8865, 27.0494



40.2100, 43.5764, 48.6747



17.8965, 22.1935, 17.5284



8.9744, 9.7510, 10.9154



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.



19.6461, 22.8865, 27.0494



33.9176, 40.3326, 48.3792



17.7813, 19.1569, 26.4284



5.1728, 5.6886, 6.4312



12.5384, 18.3480, 24.9237



0.0833, 0.1219, 0.1656

Inverse Universe

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



18.3867, 17.1269, 16.5251



31.2774, 28.2577, 26.3153



19.9857, 20.3251, 17.0577



5.0329, 5.0486, 5.2617



9.6099, 4.9541, 0.4499



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 19.6454, 22.8856, 27.0489 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 19.6454, 22.8856, 27.0489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

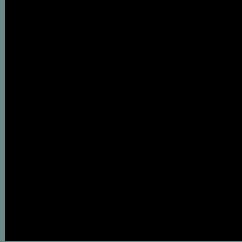
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.6454, 22.8856, 27.0489

Background



This preview shows how black text looks on a background with the XYZ color 19.6454, 22.8856, 27.0489.



This preview shows how white text looks on a background with the XYZ color 19.6454, 22.8856,

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

19.6454, 22.8856, 27.0489

Protanopia

22.0228, 22.9126, 25.4521

Deuteranopia

23.0648, 22.6183, 27.5762



Tritanopia

20.4229, 22.9986, 30.5569

Trichromacy



Original Color

19.6454, 22.8856, 27.0489

Protanomaly

21.0028, 22.7814, 25.8445

Deuteranomaly

21.6058, 22.6568, 27.2792

Tritanomaly

20.0688, 22.8427, 29.3379

Monochromacy



Original Color

19.6454, 22.8856, 27.0489

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.0982, 21.9362, 24.6476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6454, 22.8856, 27.0489 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(108, 137, 137)` looks like.

```
.text, #text, p{  
    color:rgb(108, 137, 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(108, 137, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 137, 137) }
```

Border

The CSS property to change the border of an element to XYZ 19.6454, 22.8856, 27.0489 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(108, 137, 137) }
```


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

```
.border{ border-color:rgb(108, 137, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 137, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 137, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 137, 137);  
box-shadow:4px 4px 4px 4px rgb(108, 137,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6454, 22.8856, 27.0489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 137, 137) }
```

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

```
.background{ background-color: rgb(108,  
137, 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](#).

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