

Converting Colors

XYZ(22.6304, 27.6062, 40.5992)

Have a look what the booklet for
XYZ(22.6304, 27.6062, 40.5992)
contains.

XYZ(22.6169, 27.5218, 40.6794)	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(22.6169, 27.5218,
40.6794)**

Conversions

Conversions Part 1

Format	Color
Hex	5C98A7
RGB	92, 152, 167
RGB Percent	36%, 60%, 65%
CMY	0.6392, 0.4039, 0.3451
CMYK	0.45, 0.09, 0.00, 0.35
HSL	192°, 30%, 51%
HSV	192°, 45%, 65%
XYZ	22.6169, 27.5218, 40.6794
YIQ	135.7700, -40.5750, -8.0550

Conversions

Conversions Part 2

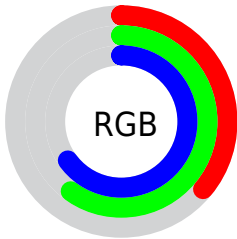
Format	Color
R _Y B	92, 125, 167
Decimal	6068391
CIE Lab	59.45, -15.40, -13.95
CIE LCh	59, 20.777, 222.185
Yxy	27.5218, 0.2490, 0.3030
Android (android.graphics.Color)	4284258471 (0xFF5C98A7)
YUV	135.7700, 15.3964, -38.3863
Hunter-Lab	52.4612, -14.8528, -9.2517

Details

The XYZ color **22.6169, 27.5218, 40.6794** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.1263, 19.5040, 12.6717**, and the grayscale version is **23.2716, 24.4835, 26.6626**.

A 20% lighter version of the original color is **47.1102, 55.5275, 77.3422**, and **8.5111, 10.9385, 17.8824** is the 20% darker color. If you saturate the color by 10%, you get **20.5947, 25.6865, 40.4322**, and if you desaturate by 10%, it is **25.0238, 29.5793, 40.9502**.

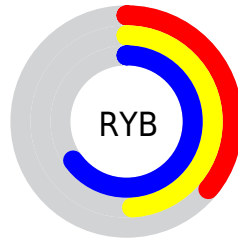
Distribution



Red (36%)

Green (60%)

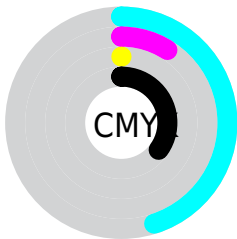
Blue (65%)



Red (36%)

Yellow (49%)

Blue (65%)

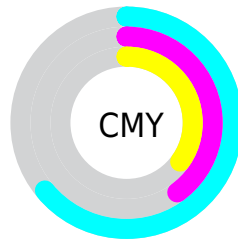


Cyan (45%)

Magenta (9%)

Yellow (0%)

Black (35%)



Cyan (64%)

Magenta (40%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6169, 27.5218, 40.6794 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 22.6169, 27.5218, 40.6794 by changing the saturation by 10% instead.

■ 22.6169, 27.5218,
40.6794

■ 22.6169, 27.5218,
40.6794

258.3234,
290.1748, 364.6158

■ 14.4300, 17.9655,
27.7508

■ 47.2348, 55.7201,
77.4453

■ 8.5041, 10.9252,
17.9005

■ 64.3965, 75.1308,
102.1198

■ 4.4736, 6.0166,
10.7099

■ 85.2806, 98.5952,
131.5467

■ 1.9734, 2.8552,
5.7604

■ 110.2524,
126.4975, 166.1445

■ 0.6190, 1.0566,
2.6335

139.6772,
159.2223, 206.3317

■ 0.0000, 0.0000,
0.9097

173.9204,

■ 0.0000, 0.0000,

197.1538, 252.5270

0.0000

213.3473,
240.6765, 305.1488

■ 22.6169, 27.5218,
40.6794

■ 22.6169, 27.5218,
40.6794

■ 20.5947, 25.6865,
40.4322

■ 25.0238, 29.5793,
40.9502

■ 18.9302, 24.0575,
40.2055

■ 27.8351, 31.8675,
41.2437

■ 17.5966, 22.6213,
39.9986

■ 31.0724, 34.3984,
41.5615

■ 16.5622, 21.3615,
39.8100

■ 34.7547, 37.1818,
41.9047

■ 15.7880, 20.2578,
39.6377

■ 38.9001, 40.2273,
42.2741

■ 15.4455, 19.7309,
39.5541

■ 43.5253, 43.5438,
42.6705

■ 48.6466, 47.1397,
43.0946

■ 54.2792, 51.0231,
43.5473

■ 60.4378, 55.2018,
44.0293

Harmonies

Analogous

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



21.5578, 27.5218, 33.1004



22.6169, 27.5218, 40.6794



24.6546, 27.5218, 45.8199

Triad

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



22.6169, 27.5218, 40.6794



31.2278, 27.5218, 34.5774



25.1147, 27.5218, 18.0090

Complementary

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



22.6169, 27.5218, 40.6794



23.1263, 19.5040, 12.6717

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.



27.7226, 27.5218, 18.2702



22.6169, 27.5218, 40.6794



31.3715, 27.5218, 27.0370

Square

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



22.6169, 27.5218, 40.6794



29.6718, 27.5218, 41.9142



30.0521, 27.5218, 21.3219



22.9344, 27.5218, 20.5370

Rectangle

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



22.6169, 27.5218, 40.6794



26.3503, 27.5218, 46.7257



30.0521, 27.5218, 21.3219



25.9680, 27.5218, 17.7870

Sweetspot

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



22.6178, 27.5229, 40.6800



56.6951, 62.4067, 74.5328



20.8215, 30.9487, 18.4446



12.3883, 13.7362, 16.6506



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



22.6178, 27.5229, 40.6800



36.8607, 45.9810, 72.4077



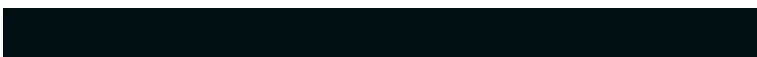
17.6060, 17.4993, 39.0095



7.6182, 8.2734, 9.6137



11.8539, 15.1679, 30.2784



0.3199, 0.4321, 0.7472

Inverse Universe

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



25.4317, 18.1375, 31.8674



42.7339, 27.6369, 53.7350



27.7287, 28.7089, 14.2058



7.7767, 7.6405, 9.1411



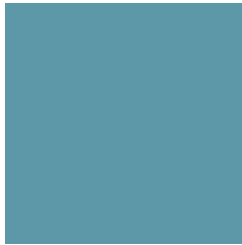
15.4839, 7.6023, 17.8915



0.3926, 0.1913, 0.5191

Previews

White Background



This preview shows how the XYZ color 22.6169, 27.5218, 40.6794 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 22.6169, 27.5218, 40.6794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

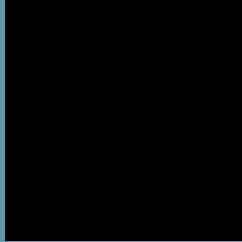
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.6169, 27.5218, 40.6794

Background



This preview shows how black text looks on a background with the XYZ color 22.6169, 27.5218, 40.6794.



This preview shows how white text looks on a background with the XYZ color 22.6169, 27.5218,

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

22.6169, 27.5218, 40.6794

Protanopia

26.6853, 27.1633, 37.0943

Deuteranopia

27.8160, 27.2072, 41.8157



Tritanopia

22.3342, 27.3972, 39.7084

Trichromacy



Original Color

22.6169, 27.5218, 40.6794

Protanomaly

24.9046, 27.1061, 38.5697

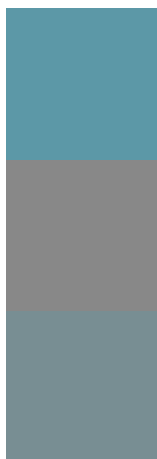
Deuteranomaly

25.4469, 27.0962, 41.4250

Tritanomaly

22.4256, 27.4338, 40.1897

Monochromacy



Original Color

22.6169, 27.5218, 40.6794

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.6852, 25.4457, 31.3196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6169, 27.5218, 40.6794 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(92, 152, 167)` looks like.

```
.text, #text, p{  
    color:rgb(92, 152, 167)  
}
```

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(92, 152, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 152, 167) }
```

Border

The CSS property to change the border of an element to XYZ 22.6169, 27.5218, 40.6794 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(92, 152, 167) }
```


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

```
.border{ border-color:rgb(92, 152, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 152, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 152, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 152, 167);  
box-shadow:4px 4px 4px 4px rgb(92, 152,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6169, 27.5218, 40.6794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 152, 167) }
```

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

```
.background{ background-color: rgb(92, 152,  
167) }
```

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