

Converting Colors

XYZ(22.4991, 27.5367, 23.2804)

Have a look what the booklet for
XYZ(22.4991, 27.5367, 23.2804)
contains.

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Color

**XYZ(22.5899, 27.6534,
23.2158)**

Conversions

Conversions Part 1

Format	Color
Hex	79977C
RGB	121, 151, 124
RGB Percent	47%, 59%, 49%
CMY	0.5255, 0.4078, 0.5137
CMYK	0.20, 0.00, 0.18, 0.41
HSL	126°, 13%, 53%
HSV	126°, 20%, 59%
XYZ	22.5899, 27.6534, 23.2158
YIQ	138.9520, -9.2130, -14.7570

Conversions

Conversions Part 2

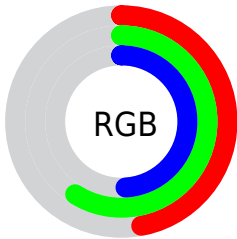
Format	Color
R_{YB}	121, 148, 151
Decimal	7968636
CIE _{Lab}	59.57, -16.04, 10.82
CIE _{LCh}	60, 19.344, 145.997
Yxy	27.6534, 0.3075, 0.3764
Android (android.graphics.Color)	4286158716 (0xFF79977C)
YUV	138.9520, -7.3713, -15.7439
Hunter-Lab	52.5865, -15.3471, 10.6353

Details

The XYZ color **22.5899, 27.6534, 23.2158** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.9462, 22.3929, 31.0258**, and the grayscale version is **24.5528, 25.8314, 28.1304**.

A 20% lighter version of the original color is **47.2227, 55.8356, 49.8834**, and **8.4997, 11.0001, 8.3319** is the 20% darker color. If you saturate the color by 10%, you get **19.8361, 26.3271, 18.9056**, and if you desaturate by 10%, it is **25.7949, 29.2002, 28.1667**.

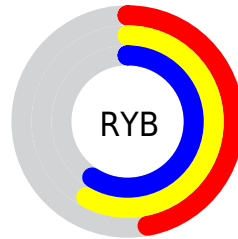
Distribution



Red (47%)

Green (59%)

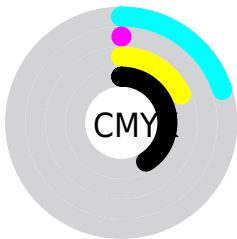
Blue (49%)



Red (47%)

Yellow (58%)

Blue (59%)

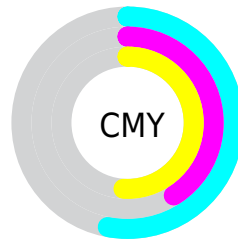


Cyan (20%)

Magenta (0%)

Yellow (18%)

Black (41%)



Cyan (53%)

Magenta (41%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5899, 27.6534, 23.2158 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 22.5899, 27.6534, 23.2158 by changing the saturation by 10% instead.

■ 22.5899, 27.6534,
23.2158

■ 22.5899, 27.6534,
23.2158

258.1864,
290.8070, 281.9892

■ 14.4100, 18.0645,
14.5461

■ 47.1907, 55.9306,
49.6751

■ 8.4900, 10.9963,
8.3584

■ 64.3423, 75.3877,
68.3018

■ 4.4645, 6.0644,
4.2341

■ 85.2152, 98.9031,
91.0847

■ 1.9681, 2.8843,
1.7546

110.1747,
126.8611, 118.4421

■ 0.6160, 1.0716,
0.3978

139.5863,
159.6461, 150.7928

■ 0.0000, 0.0000,
0.0000

173.8152,

197.6424, 188.5551

213.2268,
241.2346, 232.1478

■ 22.5899, 27.6534,
23.2158

■ 22.5899, 27.6534,
23.2158

■ 19.8361, 26.3271,
18.9056

■ 25.7949, 29.2002,
28.1667

■ 17.5112, 25.2080,
15.2081

■ 29.4679, 30.9732,
33.7811

■ 15.5941, 24.2866,
12.0961

■ 33.6273, 32.9823,
40.0827

■ 14.0612, 23.5514,
9.5396

■ 38.2901, 35.2357,
47.0939

■ 12.8864, 22.9896,
7.5059

■ 43.4724, 37.7413,
54.8357

■ 12.0405, 22.5868,
5.9589

■ 49.1895, 40.5065,
63.3284

■ 11.4892, 22.3264,
4.8578

■ 55.4561, 43.5385,
72.5915

■ 11.1578, 22.1708,
4.1537

■ 62.2865, 46.8443,
82.6438

■ 11.1541, 22.1690,
4.1468

■ 68.9901, 50.0675,
93.4704

Harmonies

Analogous

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



24.2843, 27.6534, 19.5934



22.5899, 27.6534, 23.2158



21.8839, 27.6534, 29.1834

Triad

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



22.5899, 27.6534, 23.2158



25.9582, 27.6534, 45.5663



30.7210, 27.6534, 24.6060

Complementary

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



22.5899, 27.6534, 23.2158



24.9462, 22.3929, 31.0258

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.



31.2369, 27.6534, 31.0557



22.5899, 27.6534, 23.2158



28.3900, 27.6534, 43.8430

Square

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



22.5899, 27.6534, 23.2158



23.7511, 27.6534, 42.6514



30.3597, 27.6534, 38.2492



28.9902, 27.6534, 20.3048

Rectangle

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



22.5899, 27.6534, 23.2158



22.0347, 27.6534, 33.9588



30.3597, 27.6534, 38.2492



31.0467, 27.6534, 26.5633

Sweetspot

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



22.5906, 27.6546, 23.2164



48.5588, 53.4331, 54.0678



26.8224, 29.8577, 22.4390



10.9512, 12.1033, 12.1578



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.5906, 27.6546, 23.2164



38.0822, 48.3798, 37.8759



23.5764, 28.0489, 28.4073



6.1560, 6.9351, 6.7450



9.4941, 18.8611, 3.5565



0.1477, 0.2843, 0.0837

Inverse Universe

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



24.9462, 22.3929, 31.0258



43.1137, 37.1390, 54.5554



23.8691, 21.9621, 25.3537



6.4346, 6.3130, 7.6687



14.6379, 7.1094, 20.4161



0.2255, 0.1090, 0.3404

Previews

White Background



This preview shows how the XYZ color 22.5899, 27.6534, 23.2158 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 22.5899, 27.6534, 23.2158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

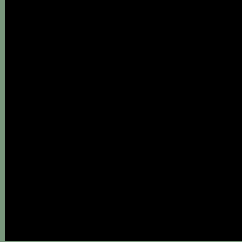
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5899, 27.6534, 23.2158

Background



This preview shows how black text looks on a background with the XYZ color 22.5899, 27.6534, 23.2158.



This preview shows how white text looks on a background with the XYZ color 22.5899, 27.6534,

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

22.5899, 27.6534, 23.2158

Protanopia

25.9751, 27.5803, 21.7238

Deuteranopia

28.0235, 27.4958, 23.9089



Tritanopia

25.2028, 27.5384, 36.3349

Trichromacy



Original Color

22.5899, 27.6534, 23.2158

Protanomaly

24.5453, 27.5137, 22.1062

Deuteranomaly

25.8011, 27.4472, 23.6766

Tritanomaly

24.2357, 27.6151, 31.2470

Monochromacy



Original Color

22.5899, 27.6534, 23.2158

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.6413, 26.2717, 26.3792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5899, 27.6534, 23.2158 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(121, 151, 124)` looks like.

```
.text, #text, p{  
    color:rgb(121, 151, 124)  
}
```

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(121, 151, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 151, 124) }
```

Border

The CSS property to change the border of an element to XYZ 22.5899, 27.6534, 23.2158 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(121, 151, 124) }
```


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

```
.border{ border-color:rgb(121, 151, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 151, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 151, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 151, 124);  
box-shadow:4px 4px 4px 4px rgb(121, 151,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5899, 27.6534, 23.2158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 151, 124) }
```

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

```
.background{ background-color: rgb(121,  
151, 124) }
```

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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