

Converting Colors

XYZ(20.1379, 23.3811, 27.8785)

Have a look what the booklet for
XYZ(20.1379, 23.3811, 27.8785)
contains.

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Color

**XYZ(20.0554, 23.2922,
27.8649)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8A8B
RGB	109, 138, 139
RGB Percent	43%, 54%, 55%
CMY	0.5725, 0.4588, 0.4549
CMYK	0.22, 0.01, 0.00, 0.45
HSL	182°, 12%, 49%
HSV	182°, 22%, 55%
XYZ	20.0554, 23.2922, 27.8649
YIQ	129.4430, -17.6050, -5.8370

Conversions

Conversions Part 2

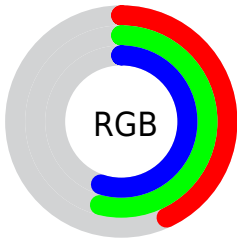
Format	Color
R _{YB}	109, 124, 139
Decimal	7178891
CIE Lab	55.37, -9.97, -3.92
CIE LCh	55, 10.713, 201.481
Yxy	23.2922, 0.2816, 0.3271
Android (android.graphics.Color)	4285368971 (0xFF6D8A8B)
YUV	129.4430, 4.7116, -17.9285
Hunter-Lab	48.2620, -10.2823, -0.4487

Details

The XYZ color **20.0554, 23.2922, 27.8649** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.9841, 17.7453, 16.8933**, and the grayscale version is **21.0106, 22.1048, 24.0721**.

A 20% lighter version of the original color is **42.8432, 48.6444, 57.0004**, and **7.1564, 8.6614, 10.7458** is the 20% darker color. If you saturate the color by 10%, you get **18.4128, 22.3477, 27.7695**, and if you desaturate by 10%, it is **21.9701, 24.3786, 27.9741**.

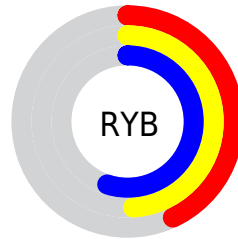
Distribution



Red (43%)

Green (54%)

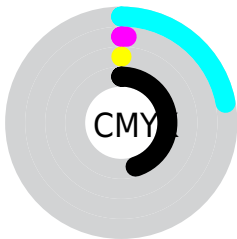
Blue (55%)



Red (43%)

Yellow (49%)

Blue (55%)

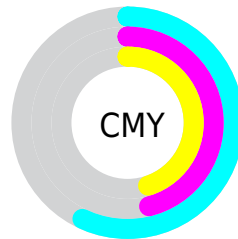


Cyan (22%)

Magenta (1%)

Yellow (0%)

Black (45%)



Cyan (57%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0554, 23.2922, 27.8649 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 20.0554, 23.2922, 27.8649 by changing the saturation by 10% instead.

■ 20.0554, 23.2922,
27.8649

■ 20.0554, 23.2922,
27.8649

245.0427,
269.2223, 305.7124

■ 12.5438, 14.8094,
17.9857

■ 43.0133, 48.8727,
57.2892

■ 7.1900, 8.6857,
10.7704

■ 59.1903, 66.7392,
77.6713

■ 3.6286, 4.5368,
5.8004

■ 78.9865, 88.5023,
102.3915

■ 1.4942, 1.9781,
2.6573

■ 102.7672,
114.5466, 131.8683

■ 0.3219, 0.5947,
0.9218

130.8979,
145.2563, 166.5203

■ 0.0000, 0.0000,
0.0000

163.7438,

181.0159, 206.7659

201.6703,
222.2097, 253.0238

■ 20.0554, 23.2922,
27.8649

■ 20.0554, 23.2922,
27.8649

■ 18.4128, 22.3477,
27.7695

■ 21.9701, 24.3786,
27.9741

■ 17.0276, 21.5357,
27.6858

■ 24.1666, 25.6101,
28.0960

■ 15.8868, 20.8501,
27.6136

■ 26.6569, 26.9935,
28.2318

■ 14.9753, 20.2831,
27.5522

■ 29.4514, 28.5342,
28.3819

■ 14.2766, 19.8263,
27.5009

■ 32.5603, 30.2372,
28.5467

■ 13.7718, 19.4698,
27.4587

■ 35.9929, 32.1077,
28.7268

■ 13.4388, 19.2023,
27.4246

■ 39.7585, 34.1502,
28.9226

■ 13.2372, 19.0181,
27.3996

■ 43.8660, 36.3694,
29.1345

■ 48.3236, 38.7695,
29.3628

Harmonies

Analogous

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



19.9292, 23.2922, 24.3926



20.0554, 23.2922, 27.8649



20.7292, 23.2922, 30.9046

Triad

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



20.0554, 23.2922, 27.8649



23.9978, 23.2922, 29.7139



22.4829, 23.2922, 19.3585

Complementary

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



20.0554, 23.2922, 27.8649



18.9841, 17.7453, 16.8933

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.



23.6103, 23.2922, 20.5239



20.0554, 23.2922, 27.8649



24.5055, 23.2922, 26.3552

Square

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



20.0554, 23.2922, 27.8649



22.9963, 23.2922, 32.0375



24.3611, 23.2922, 23.0122



21.3024, 23.2922, 19.6836

Rectangle

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



20.0554, 23.2922, 27.8649



21.4121, 23.2922, 32.1746



24.3611, 23.2922, 23.0122



22.8813, 23.2922, 19.5848

Sweetspot

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



20.0561, 23.2932, 27.8654



41.4242, 44.8263, 50.2120



18.3272, 22.8319, 18.0512



9.4948, 10.3008, 11.5673



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.



20.0561, 23.2932, 27.8654



34.3906, 40.8390, 49.8131



18.1126, 19.4062, 27.2176



5.1588, 5.6606, 6.4265



11.9496, 17.1695, 24.7299



0.0815, 0.1182, 0.1650

Inverse Universe

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



20.7041, 18.2619, 26.4794



35.7754, 30.1479, 46.8381



20.6787, 21.1346, 17.4582



5.2268, 5.1262, 6.2827



13.5184, 6.5175, 21.0321



0.0909, 0.0437, 0.1452

Previews

White Background



This preview shows how the XYZ color 20.0554, 23.2922, 27.8649 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 20.0554, 23.2922, 27.8649 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

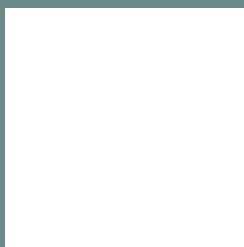
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.0554, 23.2922, 27.8649

Background



This preview shows how black text looks on a background with the XYZ color 20.0554, 23.2922, 27.8649.



This preview shows how white text looks on a background with the XYZ color 20.0554, 23.2922,

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

20.0554, 23.2922, 27.8649

Protanopia

22.4560, 23.3201, 26.2393

Deuteranopia

23.5114, 23.0242, 28.4042



Tritanopia

20.8465, 23.4089, 31.4366

Trichromacy



Original Color

20.0554, 23.2922, 27.8649

Protanomaly

21.4265, 23.1877, 26.6389

Deuteranomaly

22.0381, 23.0631, 28.1010

Tritanomaly

20.4869, 23.2507, 30.1961

Monochromacy



Original Color

20.0554, 23.2922, 27.8649

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.5109, 22.3336, 25.4201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0554, 23.2922, 27.8649 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(109, 138, 139)` looks like.

```
.text, #text, p{  
    color:rgb(109, 138, 139)  
}
```

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(109, 138, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 138, 139) }
```

Border

The CSS property to change the border of an element to XYZ 20.0554, 23.2922, 27.8649 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(109, 138, 139) }
```


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

```
.border{ border-color:rgb(109, 138, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 138, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 138, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 138, 139); box-shadow:4px 4px 4px 4px rgb(109, 138, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0554, 23.2922, 27.8649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 138, 139) }
```

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

```
.background{ background-color: rgb(109,  
138, 139) }
```

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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