

Converting Colors

XYZ(20.3527, 19.1769, 25.9694)

Have a look what the booklet for
XYZ(20.3527, 19.1769, 25.9694)
contains.

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Color

**XYZ(20.3622, 19.2549,
25.9359)**

Conversions

Conversions Part 1

Format	Color
Hex	857488
RGB	133, 116, 136
RGB Percent	52%, 45%, 53%
CMY	0.4784, 0.5451, 0.4667
CMYK	0.02, 0.15, 0.00, 0.47
HSL	291°, 8%, 49%
HSV	291°, 15%, 53%
XYZ	20.3622, 19.2549, 25.9359
YIQ	123.3630, 3.7120, 9.8240

Conversions

Conversions Part 2

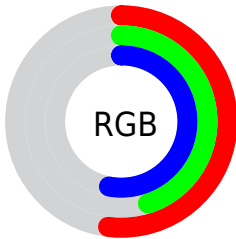
Format	Color
R_{YB}	133, 116, 136
Decimal	8746120
CIE _{Lab}	50.98, 10.46, -8.49
CIE _{LCh}	51, 13.467, 320.929
Yxy	19.2549, 0.3106, 0.2937
Android (android.graphics.Color)	4286936200 (0xFF857488)
YUV	123.3630, 6.2300, 8.4516
Hunter-Lab	43.8804, 6.0402, -4.3276

Details

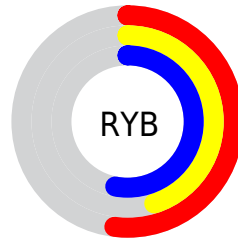
The XYZ color **20.3622, 19.2549, 25.9359** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.5650, 22.7917, 19.8920**, and the grayscale version is **18.9263, 19.9119, 21.6841**.

A 20% lighter version of the original color is **43.4376, 42.1185, 53.9844**, and **7.3141, 6.6451, 9.7012** is the 20% darker color. If you saturate the color by 10%, you get **18.5891, 16.1819, 25.4365**, and if you desaturate by 10%, it is **22.3722, 22.7918, 26.5129**.

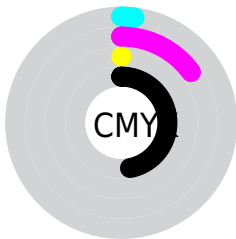
Distribution



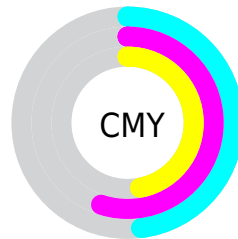
- Red (52%)
- Green (45%)
- Blue (53%)



- Red (52%)
- Yellow (45%)
- Blue (53%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (47%)



- Cyan (48%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3622, 19.2549, 25.9359 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 20.3622, 19.2549, 25.9359 by changing the saturation by 10% instead.

■ 20.3622, 19.2549,
25.9359

■ 20.3622, 19.2549,
25.9359

246.6656,
247.8524, 296.0627

■ 12.7684, 11.8546,
16.5504

■ 43.5229, 42.1644,
54.1543

■ 7.3452, 6.6448,
9.7559

■ 59.8206, 58.4424,
73.8243

■ 3.7271, 3.2409,
5.1339

■ 79.7502, 78.4483,
97.7595

■ 1.5489, 1.2588,
2.2659

103.6772,
102.5667, 126.3785

■ 0.3588, 0.1089,
0.7120

131.9668,
131.1820, 160.0997

■ 0.0000, 0.0000,
0.0000

164.9846,

164.6784, 199.3418

203.0957,
203.4404, 244.5233

■ 20.3622, 19.2549,
25.9359

■ 20.3622, 19.2549,
25.9359

■ 18.5891, 16.1819,
25.4365

■ 22.3722, 22.7918,
26.5129

■ 17.0413, 13.5505,
25.0102

■ 24.6268, 26.8088,
27.1695

■ 15.7085, 11.3402,
24.6538

■ 27.1354, 31.3244,
27.9089

■ 14.5793, 9.5278,
24.3635

■ 29.9064, 36.3554,
28.7339

■ 13.6410, 8.0880,
24.1350

■ 32.9478, 41.9176,
29.6472

■ 12.8793, 6.9925,
23.9637

■ 36.2672, 48.0264,
30.6514

■ 12.2780, 6.2089,
23.8441

■ 39.8720, 54.6964,
31.7488

■ 11.8155, 5.6938,
23.7691

■ 43.7693, 61.9418,
32.9419

■ 11.5935, 5.4633,
23.7363

■ 47.9659, 69.7760,
34.2329

Harmonies

Analogous

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



19.2313, 19.2549, 28.5886



20.3622, 19.2549, 25.9359



20.9483, 19.2549, 22.1430

Triad

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



20.3622, 19.2549, 25.9359



18.7079, 19.2549, 14.5249



16.0120, 19.2549, 23.6957

Complementary

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



20.3622, 19.2549, 25.9359



19.5650, 22.7917, 19.8920

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.



15.8871, 19.2549, 19.8301



20.3622, 19.2549, 25.9359



17.4016, 19.2549, 14.8341

Square

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



20.3622, 19.2549, 25.9359



19.9632, 19.2549, 15.7713



16.3842, 19.2549, 16.6742



16.7341, 19.2549, 27.1902

Rectangle

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



20.3622, 19.2549, 25.9359



20.9325, 19.2549, 19.6054



16.3842, 19.2549, 16.6742



15.9002, 19.2549, 22.3867

Sweetspot

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



20.3628, 19.2557, 25.9363



39.6586, 40.5775, 46.7904



18.2838, 18.7646, 25.9511



9.1252, 9.2922, 10.8190



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.



20.3628, 19.2557, 25.9363



34.6851, 31.8441, 45.3668



20.3840, 19.3197, 23.5405



5.1614, 5.0916, 6.3166



10.9788, 5.1739, 22.4657



0.0822, 0.0392, 0.1497

Inverse Universe

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



19.7292, 19.0578, 20.0923



33.3359, 31.4263, 32.7551



19.5616, 22.7435, 21.9894



5.0615, 5.0600, 5.4122



9.7351, 5.0042, 1.1095



0.0680, 0.0346, 0.0251

Previews

White Background



This preview shows how the XYZ color 20.3622, 19.2549, 25.9359 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 20.3622, 19.2549, 25.9359 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 20.3622, 19.2549, 25.9359

Background



This preview shows how black text looks on a background with the XYZ color 20.3622, 19.2549, 25.9359.



This preview shows how white text looks on a background with the XYZ color 20.3622, 19.2549,

25.9359.

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

20.3622, 19.2549, 25.9359

Protanopia

18.9688, 19.3904, 27.1691

Deuteranopia

19.6748, 19.2465, 25.9705



Tritanopia

19.8249, 19.3947, 22.7773

Trichromacy



Original Color

20.3622, 19.2549, 25.9359

Protanomaly

19.3526, 19.2396, 26.7384

Deuteranomaly

19.8585, 19.1673, 25.9456

Tritanomaly

19.9063, 19.2398, 23.7836

Monochromacy



Original Color

20.3622, 19.2549, 25.9359

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.3651, 19.5035, 23.1660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3622, 19.2549, 25.9359 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(133, 116, 136)` looks like.

```
.text, #text, p{  
    color:rgb(133, 116, 136)  
}
```

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(133, 116, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 116, 136) }
```

Border

The CSS property to change the border of an element to XYZ 20.3622, 19.2549, 25.9359 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(133, 116, 136) }
```


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

```
.border{ border-color:rgb(133, 116, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 116, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 116, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 116, 136);  
box-shadow:4px 4px 4px 4px rgb(133, 116,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3622, 19.2549, 25.9359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 116, 136) }
```

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

```
.background{ background-color: rgb(133,  
116, 136) }
```

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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