

Converting Colors

XYZ(20.6277, 19.2444, 25.8262)

Have a look what the booklet for
XYZ(20.6277, 19.2444, 25.8262)
contains.

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Color

**XYZ(20.5663, 19.1899,
25.9126)**

Conversions

Conversions Part 1

Format	Color
Hex	877388
RGB	135, 115, 136
RGB Percent	53%, 45%, 53%
CMY	0.4706, 0.5490, 0.4667
CMYK	0.01, 0.15, 0.00, 0.47
HSL	297°, 8%, 49%
HSV	297°, 15%, 53%
XYZ	20.5663, 19.1899, 25.9126
YIQ	123.3740, 5.1790, 10.7710

Conversions

Conversions Part 2

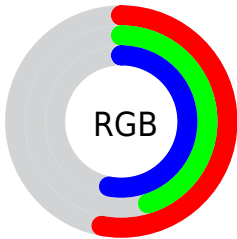
Format	Color
R_{YB}	135, 115, 136
Decimal	8876936
CIE _{Lab}	50.91, 11.78, -8.58
CIE _{LCh}	51, 14.571, 323.922
Yxy	19.1899, 0.3132, 0.2922
Android (android.graphics.Color)	4287067016 (0xFF877388)
YUV	123.3740, 6.2246, 10.1960
Hunter-Lab	43.8063, 7.1417, -4.4072

Details

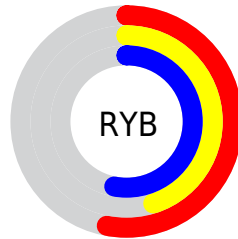
The XYZ color **20.5663, 19.1899, 25.9126** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.1018, 22.5596, 19.5683**, and the grayscale version is **18.9296, 19.9154, 21.6879**.

A 20% lighter version of the original color is **43.7431, 42.0029, 53.9460**, and **7.4332, 6.6175, 9.6896** is the 20% darker color. If you saturate the color by 10%, you get **19.0248, 16.2608, 25.4288**, and if you desaturate by 10%, it is **22.3384, 22.5786, 26.4736**.

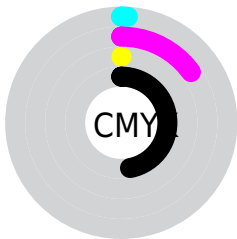
Distribution



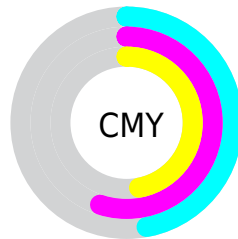
- Red (53%)
- Green (45%)
- Blue (53%)



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



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5663, 19.1899, 25.9126 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 20.5663, 19.1899, 25.9126 by changing the saturation by 10% instead.

■ 20.5663, 19.1899,
25.9126

■ 20.5663, 19.1899,
25.9126

247.7401,
247.4951, 295.9446

■ 12.9180, 11.8076,
16.5331

■ 43.8613, 42.0547,
54.1163

■ 7.4487, 6.6128,
9.7437

■ 60.2388, 58.3060,
73.7775

■ 3.7931, 3.2211,
5.1260

■ 80.2567, 78.2825,
97.7031

■ 1.5858, 1.2482,
2.2614

■ 104.2804,
102.3684, 126.3115

■ 0.3831, 0.1006,
0.7094

132.6752,
130.9482, 160.0213

■ 0.0000, 0.0000,
0.0000

165.8065,

164.4064, 199.2511

204.0397,
203.1272, 244.4193

■ 20.5663, 19.1899,
25.9126

■ 20.5663, 19.1899,
25.9126

■ 19.0248, 16.2608,
25.4288

■ 22.3384, 22.5786,
26.4736

■ 17.7022, 13.7689,
25.0175

■ 24.3488, 26.4432,
27.1136

■ 16.5883, 11.6935,
24.6756

■ 26.6068, 30.8022,
27.8359

■ 15.6716, 10.0115,
24.3993

■ 29.1209, 35.6723,
28.6434

■ 14.9392, 8.6972,
24.1842

■ 31.8990, 41.0697,
29.5388

■ 14.3769, 7.7223,
24.0256

■ 34.9489, 47.0095,
30.5246

■ 13.9684, 7.0538,
23.9181

■ 38.2778, 53.5065,
31.6032

■ 13.6896, 6.6438,
23.8537

■ 41.8928, 60.5747,
32.7769

■ 13.5771, 6.4859,
23.8291

■ 45.8008, 68.2279,
34.0482

Harmonies

Analogous

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



19.3836, 19.1899, 28.9999



20.5663, 19.1899, 25.9126



21.1289, 19.1899, 21.7442

Triad

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



20.5663, 19.1899, 25.9126



18.5337, 19.1899, 13.9689



15.8272, 19.1899, 24.2723

Complementary

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



20.5663, 19.1899, 25.9126



19.1018, 22.5596, 19.5683

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.



15.6262, 19.1899, 20.0673



20.5663, 19.1899, 25.9126



17.1412, 19.1899, 14.4605

Square

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



20.5663, 19.1899, 25.9126



19.9164, 19.1899, 15.1264



16.0950, 19.1899, 16.5701



16.6593, 19.1899, 27.9692

Rectangle

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



20.5663, 19.1899, 25.9126



21.0566, 19.1899, 19.0469



16.0950, 19.1899, 16.5701



15.6855, 19.1899, 22.8580

Sweetspot

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



20.5669, 19.1907, 25.9130



39.4768, 40.0015, 46.6888



17.7661, 17.9256, 25.8164



9.0952, 9.1734, 10.7976



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.



20.5669, 19.1907, 25.9130



35.1174, 31.6734, 45.3111



20.0862, 19.0171, 22.5379



5.2107, 5.1171, 6.3189



12.8524, 6.1398, 22.5534



0.0887, 0.0425, 0.1500

Inverse Universe

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



19.4371, 18.7575, 19.1200



32.6862, 30.7423, 30.6414



19.5417, 22.7203, 22.5745



5.0419, 5.0522, 5.3091



9.6444, 4.9679, 0.6319



0.0652, 0.0334, 0.0100

Previews

White Background



This preview shows how the XYZ color 20.5663, 19.1899, 25.9126 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 20.5663, 19.1899, 25.9126 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 20.5663, 19.1899, 25.9126

Background



This preview shows how black text looks on a background with the XYZ color 20.5663, 19.1899, 25.9126.



This preview shows how white text looks on a background with the XYZ color 20.5663, 19.1899,

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

20.5663, 19.1899, 25.9126

Protanopia

18.8479, 19.1486, 27.1288

Deuteranopia

19.6040, 19.2182, 25.5979



Tritanopia

19.9587, 19.2973, 22.4115

Trichromacy



Original Color

20.5663, 19.1899, 25.9126

Protanomaly

19.3781, 19.0769, 26.7056

Deuteranomaly

19.9404, 19.2177, 25.5801

Tritanomaly

20.1062, 19.1708, 23.7597

Monochromacy



Original Color

20.5663, 19.1899, 25.9126

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 20.5663, 19.1899, 25.9126 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(135, 115, 136)` looks like.

```
.text, #text, p{  
    color:rgb(135, 115, 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(135, 115, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 115, 136) }
```

Border

The CSS property to change the border of an element to XYZ 20.5663, 19.1899, 25.9126 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(135, 115, 136) }
```


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

```
.border{ border-color:rgb(135, 115, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 115, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 115, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 115, 136);  
box-shadow:4px 4px 4px 4px rgb(135, 115,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5663, 19.1899, 25.9126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 115, 136) }
```

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

```
.background{ background-color: rgb(135,  
115, 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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