

Converting Colors

XYZ(20.9563, 19.2686, 26.5787)

Have a look what the booklet for
XYZ(20.9563, 19.2686, 26.5787)
contains.

XYZ(20.9213, 19.1880, 26.6457)	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(20.9213, 19.1880,
26.6457)**

Conversions

Conversions Part 1

Format	Color
Hex	89728A
RGB	137, 114, 138
RGB Percent	54%, 45%, 54%
CMY	0.4627, 0.5529, 0.4588
CMYK	0.01, 0.17, 0.00, 0.46
HSL	298°, 10%, 49%
HSV	298°, 17%, 54%
XYZ	20.9213, 19.1880, 26.6457
YIQ	123.6130, 6.0040, 12.3400

Conversions

Conversions Part 2

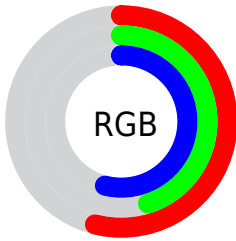
Format	Color
R_{YB}	137, 114, 138
Decimal	9007754
CIE _{Lab}	50.91, 13.50, -9.74
CIE _{LCh}	51, 16.651, 324.190
Yxy	19.1880, 0.3134, 0.2874
Android (android.graphics.Color)	4287197834 (0xFF89728A)
YUV	123.6130, 7.0928, 11.7404
Hunter-Lab	43.8041, 8.5963, -5.4028

Details

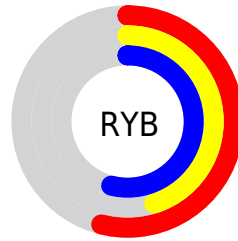
The XYZ color **20.9213, 19.1880, 26.6457** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.1967, 23.0372, 19.3554**, and the grayscale version is **19.0058, 19.9956, 21.7752**.

A 20% lighter version of the original color is **44.5260, 42.1104, 55.0716**, and **7.6401, 6.6272, 10.1090** is the 20% darker color. If you saturate the color by 10%, you get **19.3869, 16.2584, 26.1614**, and if you desaturate by 10%, it is **22.6922, 22.5893, 27.2092**.

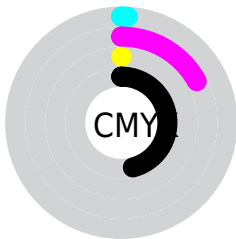
Distribution



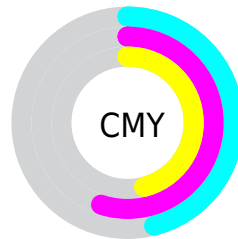
- Red (54%)
- Green (45%)
- Blue (54%)



- Red (54%)
- Yellow (45%)
- Blue (54%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (46%)



- Cyan (46%)
- Magenta (55%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9213, 19.1880, 26.6457 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 20.9213, 19.1880, 26.6457 by changing the saturation by 10% instead.

■ 20.9213, 19.1880,
26.6457

■ 20.9213, 19.1880,
26.6457

249.5996,
247.4847, 299.6433

■ 13.1786, 11.8062,
17.0772

■ 44.4488, 42.0515,
55.3116

■ 7.6295, 6.6119,
10.1270

■ 60.9643, 58.3021,
75.2461

■ 3.9086, 3.2206,
5.3766

■ 81.1348, 78.2776,
99.4731

■ 1.6506, 1.2479,
2.4073

■ 105.3256,
102.3626, 128.4110

■ 0.4250, 0.1003,
0.7904

133.9022,
130.9414, 162.4785

■ 0.0000, 0.0000,
0.0000

167.2298,

164.3984, 202.0940

205.6738,
203.1180, 247.6760

■ 20.9213, 19.1880,
26.6457

■ 20.9213, 19.1880,
26.6457

■ 19.3869, 16.2584,
26.1614

■ 22.6922, 22.5893,
27.2092

■ 18.0768, 13.7769,
25.7515

■ 24.7078, 26.4794,
27.8538

■ 16.9803, 11.7220,
25.4126

■ 26.9778, 30.8776,
28.5831

■ 16.0851, 10.0689,
25.1407

■ 29.5111, 35.8016,
29.4000

■ 15.3777, 8.7907,
24.9313

■ 32.3160, 41.2681,
30.3073

■ 14.8430, 7.8572,
24.7793

■ 35.4004, 47.2931,
31.3077

■ 14.4635, 7.2332,
24.6788

■ 38.7722, 53.8918,
32.4037

■ 14.2053, 6.8512,
24.6187

■ 42.4386, 61.0791,
33.5977

■ 14.1427, 6.7609,
24.6046

■ 46.4068, 68.8692,
34.8922

Harmonies

Analogous

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



19.5629, 19.1880, 30.2797



20.9213, 19.1880, 26.6457



21.5644, 19.1880, 21.8218

Triad

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



20.9213, 19.1880, 26.6457



18.5593, 19.1880, 13.1224



15.5051, 19.1880, 24.8233

Complementary

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



20.9213, 19.1880, 26.6457



19.1967, 23.0372, 19.3554

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.



15.2719, 19.1880, 19.9899



20.9213, 19.1880, 26.6457



16.9736, 19.1880, 13.6786

Square

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



20.9213, 19.1880, 26.6457



20.1491, 19.1880, 14.3809



15.7938, 19.1880, 16.0334



16.4510, 19.1880, 29.1218

Rectangle

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



20.9213, 19.1880, 26.6457



21.4749, 19.1880, 18.7522



15.7938, 19.1880, 16.0334



15.3432, 19.1880, 23.1897

Sweetspot

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



20.9219, 19.1888, 26.6461



40.7709, 41.3050, 48.2070



17.6813, 17.7205, 26.5335



9.0983, 9.1750, 10.7978



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.



20.9219, 19.1888, 26.6461



35.7307, 31.6285, 46.6049



20.3430, 18.9763, 22.7383



5.2136, 5.1185, 6.3190



12.9698, 6.2003, 22.5589



0.0891, 0.0427, 0.1500

Inverse Universe

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



19.5937, 18.6766, 18.7928



32.9280, 30.5488, 29.9797



19.7175, 23.2304, 22.7805



5.0408, 5.0517, 5.3031



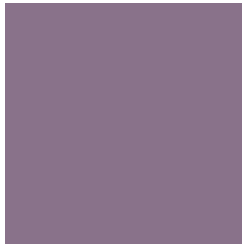
9.6401, 4.9662, 0.6091



0.0650, 0.0334, 0.0091

Previews

White Background



This preview shows how the XYZ color 20.9213, 19.1880, 26.6457 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 20.9213, 19.1880, 26.6457 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 20.9213, 19.1880, 26.6457

Background



This preview shows how black text looks on a background with the XYZ color 20.9213, 19.1880, 26.6457.



This preview shows how white text looks on a background with the XYZ color 20.9213, 19.1880,

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

20.9213, 19.1880, 26.6457

Protanopia

18.9351, 19.1678, 28.2930

Deuteranopia

19.5980, 19.1986, 26.3397



Tritanopia

19.9387, 19.1223, 22.0421

Trichromacy



Original Color

20.9213, 19.1880, 26.6457

Protanomaly

19.5983, 19.1650, 27.8656

Deuteranomaly

20.0826, 19.2745, 26.3288

Tritanomaly

20.3133, 19.1074, 23.7366

Monochromacy



Original Color

20.9213, 19.1880, 26.6457

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.7322, 19.6850, 23.5285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9213, 19.1880, 26.6457 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(137, 114, 138)` looks like.

```
.text, #text, p{  
    color:rgb(137, 114, 138)  
}
```

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(137, 114, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 114, 138) }
```

Border

The CSS property to change the border of an element to XYZ 20.9213, 19.1880, 26.6457 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(137, 114, 138) }
```


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

```
.border{ border-color:rgb(137, 114, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 114, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 114, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 114, 138);  
box-shadow:4px 4px 4px 4px rgb(137, 114,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9213, 19.1880, 26.6457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 114, 138) }
```

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

```
.background{ background-color: rgb(137,  
114, 138) }
```

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