

Converting Colors

XYZ(20.7268, 19.9748, 19.6911)

Have a look what the booklet for
XYZ(20.7268, 19.9748, 19.6911)
contains.

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Color

**XYZ(20.6738, 19.9039,
19.5818)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7675
RGB	141, 118, 117
RGB Percent	55%, 46%, 46%
CMY	0.4471, 0.5372, 0.5412
CMYK	0.00, 0.16, 0.17, 0.45
HSL	3°, 10%, 51%
HSV	3°, 17%, 55%
XYZ	20.6738, 19.9039, 19.5818
YIQ	124.7630, 14.0290, 4.5650

Conversions

Conversions Part 2

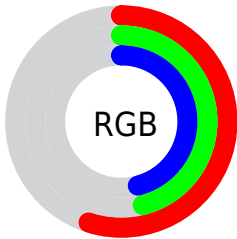
Format	Color
R_{YB}	141, 118, 117
Decimal	9270901
CIE _{Lab}	51.73, 8.77, 3.88
CIE _{LCh}	52, 9.586, 23.886
Yxy	19.9039, 0.3436, 0.3309
Android (android.graphics.Color)	4287460981 (0xFF8D7675)
YUV	124.7630, -3.8272, 14.2398
Hunter-Lab	44.6138, 4.6419, 5.2062

Details

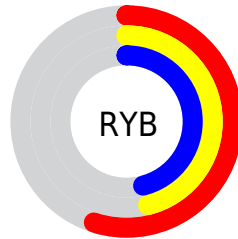
The XYZ color **20.6738, 19.9039, 19.5818** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.5218, 24.4606, 28.7865**, and the grayscale version is **19.4229, 20.4344, 22.2531**.

A 20% lighter version of the original color is **44.0418, 43.2161, 43.5564**, and **7.4808, 6.9836, 6.5839** is the 20% darker color. If you saturate the color by 10%, you get **18.4278, 16.6401, 15.0465**, and if you desaturate by 10%, it is **23.2737, 23.6753, 24.8517**.

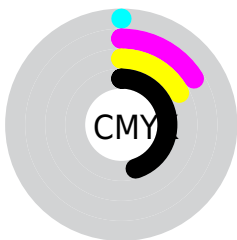
Distribution



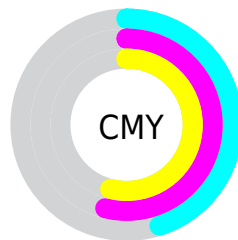
- Red (55%)
- Green (46%)
- Blue (46%)



- Red (55%)
- Yellow (46%)
- Blue (46%)



- Cyan (0%)
- Magenta (16%)
- Yellow (17%)
- Black (45%)



- Cyan (45%)
- Magenta (54%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6738, 19.9039, 19.5818 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 20.6738, 19.9039, 19.5818 by changing the saturation by 10% instead.

■ 20.6738, 19.9039,
19.5818

■ 20.6738, 19.9039,
19.5818

248.3045,
251.3944, 262.1710

■ 12.9969, 12.3252,
11.9104

■ 44.0394, 43.2560,
43.5646

■ 7.5034, 6.9656,
6.5609

■ 60.4588, 59.7982,
60.7131

■ 3.8280, 3.4406,
3.1148

■ 80.5230, 80.0970,
81.8577

■ 1.6053, 1.3658,
1.1535

104.5974,
104.5369, 107.4169

■ 0.3958, 0.1913,
0.0000

133.0474,
133.5022, 137.8093

■ 0.0000, 0.0000,
0.0000

166.2384,

167.3772, 173.4534

204.5356,
206.5465, 214.7678

■ 20.6738, 19.9039,
19.5818

■ 20.6738, 19.9039,
19.5818

■ 18.4278, 16.6401,
15.0465

■ 23.2737, 23.6753,
24.8517

■ 16.5189, 13.8597,
11.2119

■ 26.2402, 27.9719,
30.8854

■ 14.9313, 11.5405,
8.0436

■ 29.5873, 32.8136,
37.7122

■ 13.6473, 9.6576,
5.5035

■ 33.3278, 38.2186,
45.3593

■ 12.6475, 8.1837,
3.5498

■ 37.4740, 44.2042,
53.8526

■ 11.9104, 7.0885,
2.1357

■ 42.0375, 50.7870,
63.2170

■ 11.4112, 6.3373,
1.2070

■ 47.0295, 57.9829,
73.4764

■ 11.1152, 5.8872,
0.6711

■ 52.4608, 65.8073,
84.6537

■ 11.0485, 5.7906,
0.5354

■ 58.3419, 74.2748,
96.7709

Harmonies

Analogous

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



20.8323, 19.9039, 22.2454



20.6738, 19.9039, 19.5818



20.0379, 19.9039, 17.6398

Triad

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



20.6738, 19.9039, 19.5818



17.4521, 19.9039, 18.6759



18.7203, 19.9039, 27.4240

Complementary

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



20.6738, 19.9039, 19.5818



21.5218, 24.4606, 28.7865

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.



17.8407, 19.9039, 26.2761



20.6738, 19.9039, 19.5818



17.1248, 19.9039, 21.1084

Square

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



20.6738, 19.9039, 19.5818



18.1734, 19.9039, 17.1488



17.2646, 19.9039, 23.9058



19.6828, 19.9039, 26.9278

Rectangle

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



20.6738, 19.9039, 19.5818



19.4401, 19.9039, 16.9380



17.2646, 19.9039, 23.9058



18.4055, 19.9039, 27.2147

Sweetspot

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



20.6743, 19.9048, 19.5822



42.6442, 43.7969, 46.4655



22.0944, 20.2849, 27.6394



9.4548, 9.6809, 10.2362



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.



20.6743, 19.9048, 19.5822



35.5835, 33.5538, 32.1555



22.1517, 22.8594, 20.0747



5.4258, 5.4580, 5.6569



10.0771, 5.2859, 0.4892



0.0992, 0.0563, 0.0056

Inverse Universe

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



21.5218, 24.4606, 28.7865



37.3624, 43.1188, 51.4814



19.8893, 21.1958, 28.2424



5.5412, 6.0782, 6.9099



12.3006, 17.5872, 25.7234



0.1215, 0.1759, 0.2472

Previews

White Background



This preview shows how the XYZ color 20.6738, 19.9039, 19.5818 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 20.6738, 19.9039, 19.5818 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 20.6738, 19.9039, 19.5818

Background



This preview shows how black text looks on a background with the XYZ color 20.6738, 19.9039, 19.5818.



This preview shows how white text looks on a background with the XYZ color 20.6738, 19.9039,

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

20.6738, 19.9039, 19.5818

Protanopia

19.0773, 19.9576, 20.6160

Deuteranopia

20.2889, 19.8813, 19.5977



Tritanopia

21.2825, 19.9797, 22.4734

Trichromacy



Original Color

20.6738, 19.9039, 19.5818

Protanomaly

19.5272, 19.8319, 20.2515

Deuteranomaly

20.4552, 19.9670, 19.6055

Tritanomaly

21.0918, 19.9034, 21.4690

Monochromacy



Original Color

20.6738, 19.9039, 19.5818

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.8325, 20.1495, 21.2563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6738, 19.9039, 19.5818 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(141, 118, 117)` looks like.

```
.text, #text, p{  
    color:rgb(141, 118, 117)  
}
```

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(141, 118, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 118, 117) }
```

Border

The CSS property to change the border of an element to XYZ 20.6738, 19.9039, 19.5818 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(141, 118, 117) }
```


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

```
.border{ border-color:rgb(141, 118, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 118, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 118, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 118, 117);  
box-shadow:4px 4px 4px 4px rgb(141, 118,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6738, 19.9039, 19.5818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 118, 117) }
```

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

```
.background{ background-color: rgb(141,  
118, 117) }
```

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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