

Converting Colors

XYZ(20.1060, 20.4885, 15.9392)

Have a look what the booklet for
XYZ(20.1060, 20.4885, 15.9392)
contains.

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Color

**XYZ(20.1057, 20.4075,
15.9761)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7A68
RGB	139, 122, 104
RGB Percent	55%, 48%, 41%
CMY	0.4549, 0.5216, 0.5922
CMYK	0.00, 0.12, 0.25, 0.45
HSL	31°, 14%, 48%
HSV	31°, 25%, 55%
XYZ	20.1057, 20.4075, 15.9761
YIQ	125.0310, 15.9100, -1.9940

Conversions

Conversions Part 2

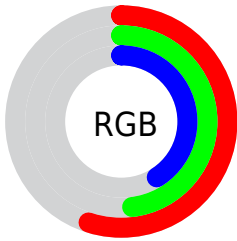
Format	Color
RYB	137, 139, 104
Decimal	9140840
CIELab	52.29, 3.54, 12.26
CIElCh	52, 12.764, 73.881
Yxy	20.4075, 0.3559, 0.3613
Android (android.graphics.Color)	4287330920 (0xFF8B7A68)
YUV	125.0310, -10.3683, 12.2508
Hunter-Lab	45.1747, 0.3886, 10.6542

Details

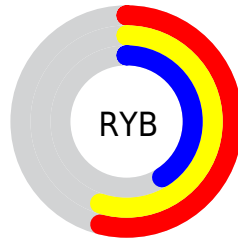
The XYZ color **20.1057, 20.4075, 15.9761** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2064, 18.4815, 27.0867**, and the grayscale version is **19.5339, 20.5512, 22.3803**.

A 20% lighter version of the original color is **43.0448, 43.9761, 37.2299**, and **7.1456, 7.1352, 4.8715** is the 20% darker color. If you saturate the color by 10%, you get **18.6569, 18.5482, 12.2923**, and if you desaturate by 10%, it is **21.7295, 22.4304, 20.2930**.

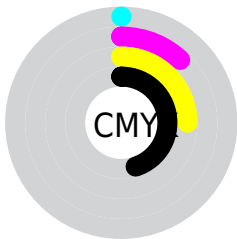
Distribution



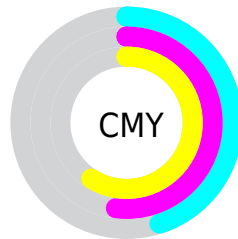
- Red (55%)
- Green (48%)
- Blue (41%)



- Red (54%)
- Yellow (55%)
- Blue (41%)



- Cyan (0%)
- Magenta (12%)
- Yellow (25%)
- Black (45%)



- Cyan (45%)
- Magenta (52%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1057, 20.4075, 15.9761 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 20.1057, 20.4075, 15.9761 by changing the saturation by 10% instead.

■ 20.1057, 20.4075,
15.9761

■ 20.1057, 20.4075,
15.9761

245.3094,
254.1127, 241.0415

■ 12.5806, 12.6916,
9.3531

■ 43.0969, 44.0993,
37.3229

■ 7.2154, 7.2165,
4.8722

■ 59.2938, 60.8441,
52.8838

■ 3.6447, 3.5979,
2.1151

■ 79.1119, 81.3672,
72.2610

■ 1.5032, 1.4513,
0.6247

■ 102.9167,
106.0531, 95.8732

■ 0.3280, 0.2541,
0.0000

131.0735,
135.2862, 124.1387

■ 0.0000, 0.0000,
0.0000

163.9476,

169.4510, 157.4763

201.9045,
208.9316, 196.3044

■ 20.1057, 20.4075,
15.9761

■ 20.1057, 20.4075,
15.9761

■ 18.6569, 18.5482,
12.2923

■ 21.7295, 22.4304,
20.2930

■ 17.3748, 16.8451,
9.2099

■ 23.5333, 24.6185,
25.2701

■ 16.2524, 15.2943,
6.6964

■ 25.5235, 26.9769,
30.9343

■ 15.2817, 13.8905,
4.7156

■ 27.7061, 29.5096,
37.3108

■ 14.4540, 12.6282,
3.2272

■ 30.0864, 32.2205,
44.4235

■ 13.7590, 11.5013,
2.1850

■ 32.6698, 35.1133,
52.2950

■ 13.1835, 10.5021,
1.5247

■ 35.4613, 38.1915,
60.9471

■ 12.9325, 10.0589,
1.2599

■ 38.4658, 41.4588,
70.4008

■ 41.6879, 44.9185,
80.6760

Harmonies

Analogous

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



21.2728, 20.4075, 17.5784



20.1057, 20.4075, 15.9761



18.7977, 20.4075, 15.9175

Triad

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



20.1057, 20.4075, 15.9761



17.0489, 20.4075, 23.9994



21.1988, 20.4075, 27.8463

Complementary

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



20.1057, 20.4075, 15.9761



17.2064, 18.4815, 27.0867

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.



20.0084, 20.4075, 29.9995



20.1057, 20.4075, 15.9761



17.6343, 20.4075, 27.6150

Square

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



20.1057, 20.4075, 15.9761



17.0723, 20.4075, 20.2738



18.7046, 20.4075, 29.9104



21.9231, 20.4075, 24.2875

Rectangle

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



20.1057, 20.4075, 15.9761



18.0239, 20.4075, 16.7449



18.7046, 20.4075, 29.9104



20.8376, 20.4075, 28.7755

Sweetspot

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



20.1062, 20.4084, 15.9765



41.1419, 42.8821, 42.4579



19.0799, 16.7827, 20.4843



9.3763, 9.7556, 9.4957



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.



20.1062, 20.4084, 15.9765



34.5482, 34.6891, 24.8630



22.3789, 24.9538, 16.7341



5.2317, 5.4461, 5.3279



11.6893, 9.1131, 1.1429



0.0923, 0.0899, 0.0125

Inverse Universe

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



17.2064, 18.4815, 27.0867



28.4682, 30.6492, 48.1584



15.3197, 14.7081, 26.4578



4.9620, 5.2669, 6.3609



6.0618, 5.3940, 22.7673



0.0548, 0.0649, 0.1561

Previews

White Background



This preview shows how the XYZ color 20.1057, 20.4075, 15.9761 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 20.1057, 20.4075, 15.9761 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 20.1057, 20.4075, 15.9761

Background



This preview shows how black text looks on a background with the XYZ color 20.1057, 20.4075, 15.9761.



This preview shows how white text looks on a background with the XYZ color 20.1057, 20.4075,

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

20.1057, 20.4075, 15.9761

Protanopia

19.3991, 20.5927, 16.3169

Deuteranopia

20.7168, 20.3617, 15.9350



Tritanopia

21.6484, 20.5029, 23.2385

Trichromacy



Original Color

20.1057, 20.4075, 15.9761

Protanomaly

19.7491, 20.5861, 16.2972

Deuteranomaly

20.4914, 20.4250, 15.9591

Tritanomaly

21.0307, 20.4276, 20.2872

Monochromacy



Original Color

20.1057, 20.4075, 15.9761

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.6245, 20.4455, 19.7417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1057, 20.4075, 15.9761 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(139, 122, 104)` looks like.

```
.text, #text, p{  
    color:rgb(139, 122, 104)  
}
```

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(139, 122, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 122, 104) }
```

Border

The CSS property to change the border of an element to XYZ 20.1057, 20.4075, 15.9761 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(139, 122, 104) }
```


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

```
.border{ border-color:rgb(139, 122, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 122, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 122, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 122, 104);  
box-shadow:4px 4px 4px 4px rgb(139, 122,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1057, 20.4075, 15.9761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 122, 104) }
```

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

```
.background{ background-color: rgb(139,  
122, 104) }
```

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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