

Converting Colors

XYZ(20.4185, 19.4877, 17.2195)

Have a look what the booklet for
XYZ(20.4185, 19.4877, 17.2195)
contains.

XYZ(20.3334, 19.4345, 17.1476)	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(20.3334, 19.4345,
17.1476)**

Conversions

Conversions Part 1

Format	Color
Hex	8F746D
RGB	143, 116, 109
RGB Percent	56%, 45%, 43%
CMY	0.4392, 0.5451, 0.5725
CMYK	0.00, 0.19, 0.24, 0.44
HSL	12°, 13%, 49%
HSV	12°, 24%, 56%
XYZ	20.3334, 19.4345, 17.1476
YIQ	123.2750, 18.3390, 3.5470

Conversions

Conversions Part 2

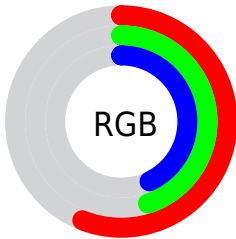
Format	Color
R_{YB}	143, 118, 109
Decimal	9401453
CIE Lab	51.19, 9.42, 7.84
CIE LCh	51, 12.257, 39.782
Yxy	19.4345, 0.3573, 0.3415
Android (android.graphics.Color)	4287591533 (0xFF8F746D)
YUV	123.2750, -7.0376, 17.2988
Hunter-Lab	44.0846, 5.1826, 7.7971

Details

The XYZ color **20.3334, 19.4345, 17.1476** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.0687, 22.8423, 29.3380**, and the grayscale version is **18.9362, 19.9224, 21.6955**.

A 20% lighter version of the original color is **43.3738, 42.4136, 39.1583**, and **7.3503, 6.7574, 5.4743** is the 20% darker color. If you saturate the color by 10%, you get **18.3956, 16.6922, 13.0077**, and if you desaturate by 10%, it is **22.5575, 22.5488, 22.0013**.

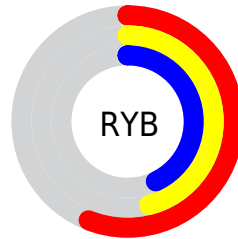
Distribution



Red (56%)

Green (45%)

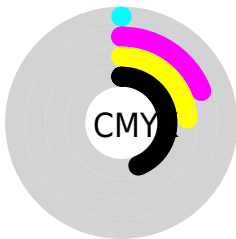
Blue (43%)



Red (56%)

Yellow (46%)

Blue (43%)

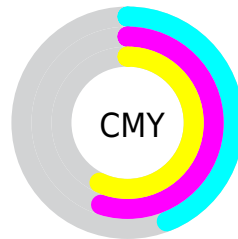


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3334, 19.4345, 17.1476 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 20.3334, 19.4345, 17.1476 by changing the saturation by 10% instead.

■ 20.3334, 19.4345,
17.1476

■ 20.3334, 19.4345,
17.1476

246.5136,
248.8371, 248.0942

■ 12.7473, 11.9847,
10.1767

■ 43.4751, 42.4670,
39.3735

■ 7.3306, 6.7332,
5.4091

■ 59.7615, 58.8185,
55.4656

■ 3.7178, 3.2958,
2.4264

■ 79.6786, 78.9060,
75.4352

■ 1.5438, 1.2881,
0.8007

■ 103.5919,
103.1138, 99.7008

■ 0.3553, 0.1319,
0.0000

131.8667,
131.8265, 128.6809

■ 0.0000, 0.0000,
0.0000

164.8683,

165.4283, 162.7942

202.9622,
204.3037, 202.4591

■ 20.3334, 19.4345,
17.1476

■ 20.3334, 19.4345,
17.1476

■ 18.3956, 16.6922,
13.0077

■ 22.5575, 22.5488,
22.0013

■ 16.7308, 14.3052,
9.5467

■ 25.0775, 26.0454,
27.5992

■ 15.3268, 12.2596,
6.7284

■ 27.9044, 29.9379,
33.9712

■ 14.1700, 10.5395,
4.5128

■ 31.0481, 34.2381,
41.1455

■ 13.2454, 9.1279,
2.8555

■ 34.5182, 38.9575,
49.1485

■ 12.5362, 8.0060,
1.7058

■ 38.3237, 44.1070,
58.0057

■ 12.0232, 7.1526,
1.0025

■ 42.4735, 49.6973,
67.7414

■ 11.7783, 6.7407,
0.6803

■ 46.9760, 55.7385,
78.3789

■ 51.8392, 62.2405,
89.9406

Harmonies

Analogous

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



20.8807, 19.4345, 20.0401



20.3334, 19.4345, 17.1476



19.2943, 19.4345, 15.4633

Triad

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



20.3334, 19.4345, 17.1476



16.3575, 19.4345, 18.9235



18.8732, 19.4345, 28.4937

Complementary

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



20.3334, 19.4345, 17.1476



20.0687, 22.8423, 29.3380

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.



17.6732, 19.4345, 28.1099



20.3334, 19.4345, 17.1476



16.2559, 19.4345, 22.3226

Square

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



20.3334, 19.4345, 17.1476



17.0116, 19.4345, 16.4077



16.7276, 19.4345, 25.7560



20.0135, 19.4345, 26.7534

Rectangle

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



20.3334, 19.4345, 17.1476



18.4808, 19.4345, 15.1300



16.7276, 19.4345, 25.7560



18.4630, 19.4345, 28.6129

Sweetspot

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



20.3339, 19.4354, 17.1480



43.3273, 44.4532, 45.8925



21.2547, 18.5605, 25.8296



9.8834, 10.1212, 10.4072



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.3339, 19.4354, 17.1480



34.3277, 31.8589, 26.2297



22.4484, 23.6643, 17.8528



5.4933, 5.5929, 5.6794



10.4272, 5.9860, 0.6058



0.1129, 0.0836, 0.0102

Inverse Universe

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



20.0687, 22.8423, 29.3380



33.7569, 39.1429, 52.3142



17.8855, 18.4760, 28.6103



5.4673, 5.9303, 6.8853



9.6744, 12.3348, 24.8480



0.1078, 0.1486, 0.2427

Previews

White Background



This preview shows how the XYZ color 20.3334, 19.4345, 17.1476 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 20.3334, 19.4345, 17.1476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

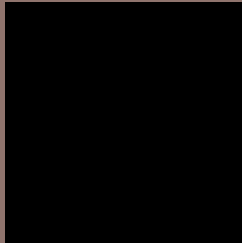
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.3334, 19.4345, 17.1476

Background



This preview shows how black text looks on a background with the XYZ color 20.3334, 19.4345, 17.1476.



This preview shows how white text looks on a background with the XYZ color 20.3334, 19.4345,

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

20.3334, 19.4345, 17.1476

Protanopia

18.6366, 19.6009, 18.1303

Deuteranopia

19.8862, 19.5500, 17.1934



Tritanopia

21.2695, 19.4844, 21.3787

Trichromacy



Original Color

20.3334, 19.4345, 17.1476

Protanomaly

19.2586, 19.5672, 17.8007

Deuteranomaly

19.9368, 19.4022, 17.1622

Tritanomaly

20.9023, 19.4988, 19.8015

Monochromacy



Original Color

20.3334, 19.4345, 17.1476

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.1924, 19.4868, 19.8893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3334, 19.4345, 17.1476 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(143, 116, 109)` looks like.

```
.text, #text, p{  
    color:rgb(143, 116, 109)  
}
```

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(143, 116, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 116, 109) }
```

Border

The CSS property to change the border of an element to XYZ 20.3334, 19.4345, 17.1476 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(143, 116, 109) }
```


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

```
.border{ border-color:rgb(143, 116, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 116, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 116, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 116, 109);  
box-shadow:4px 4px 4px 4px rgb(143, 116,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3334, 19.4345, 17.1476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 116, 109) }
```

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

```
.background{ background-color: rgb(143,  
116, 109) }
```

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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