

Converting Colors

XYZ(19.1897, 20.9159, 18.4134)

Have a look what the booklet for
XYZ(19.1897, 20.9159, 18.4134)
contains.

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Color

**XYZ(19.2480, 21.0438,
18.3766)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8070
RGB	126, 128, 112
RGB Percent	49%, 50%, 44%
CMY	0.5059, 0.4980, 0.5608
CMYK	0.02, 0.00, 0.13, 0.50
HSL	68°, 7%, 47%
HSV	68°, 13%, 50%
XYZ	19.2480, 21.0438, 18.3766
YIQ	125.5780, 3.9440, -5.4000

Conversions

Conversions Part 2

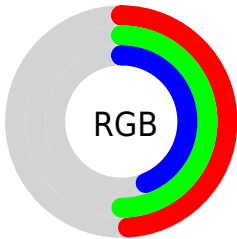
Format	Color
R_{YB}	112, 128, 114
Decimal	8290416
CIE Lab	53.00, -3.78, 8.43
CIE LCh	53, 9.244, 114.153
Yxy	21.0438, 0.3281, 0.3587
Android (android.graphics.Color)	4286480496 (0xFF7E8070)
YUV	125.5780, -6.6940, 0.3701
Hunter-Lab	45.8735, -5.3821, 8.3603

Details

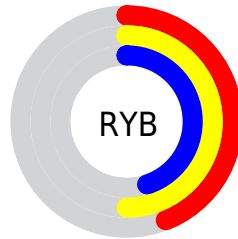
The XYZ color **19.2480, 21.0438, 18.3766** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6306, 16.7248, 22.7748**, and the grayscale version is **19.7095, 20.7360, 22.5815**.

A 20% lighter version of the original color is **41.8151, 45.3118, 41.6641**, and **6.7820, 7.5399, 5.9484** is the 20% darker color. If you saturate the color by 10%, you get **18.3513, 20.6587, 14.8751**, and if you desaturate by 10%, it is **20.2510, 21.4732, 22.4130**.

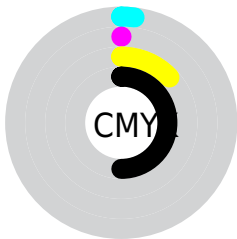
Distribution



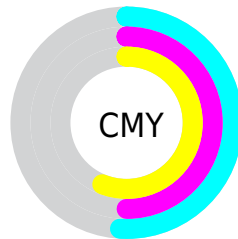
- Red (49%)
- Green (50%)
- Blue (44%)



- Red (44%)
- Yellow (50%)
- Blue (45%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (50%)



- Cyan (51%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2480, 21.0438, 18.3766 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 19.2480, 21.0438, 18.3766 by changing the saturation by 10% instead.

■ 19.2480, 21.0438,
18.3766

■ 19.2480, 21.0438,
18.3766

240.7264,
257.5112, 255.2923

■ 11.9547, 13.1560,
11.0485

■ 41.6664, 45.1604,
41.5006

■ 6.7848, 7.5361,
5.9849

■ 57.5222, 62.1580,
58.1335

■ 3.3730, 3.7996,
2.7672

■ 76.9628, 82.9611,
78.7051

■ 1.3540, 1.5621,
0.9770

■ 100.3536,
107.9539, 103.6339

■ 0.2231, 0.3318,
0.0000

128.0601,
137.5210, 133.3385

■ 0.0000, 0.0000,
0.0000

160.4474,

172.0466, 168.2374

197.8811,
211.9152, 208.7492

■ 19.2480, 21.0438,
18.3766

■ 19.2480, 21.0438,
18.3766

■ 18.3513, 20.6587,
14.8751

■ 20.2510, 21.4732,
22.4130

■ 17.5549, 20.3135,
11.8846

■ 21.3625, 21.9458,
27.0038

■ 16.8548, 20.0073,
9.3816

■ 22.5871, 22.4640,
32.1697

■ 16.2460, 19.7380,
7.3402

■ 23.9282, 23.0292,
37.9294

■ 15.7232, 19.5036,
5.7321

■ 25.3893, 23.6430,
44.3010

■ 15.2804, 19.3015,
4.5259

■ 26.9738, 24.3065,
51.3020

■ 14.9108, 19.1292,
3.6858

■ 28.6848, 25.0210,
58.9488

■ 14.6063, 18.9833,
3.1699

■ 30.5253, 25.7879,
67.2576

■ 14.3999, 18.8830,
2.8858

■ 32.4984, 26.6082,
76.2437

Harmonies

Analogous

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



20.1921, 21.0438, 17.9995



19.2480, 21.0438, 18.3766



18.5274, 21.0438, 19.9252

Triad

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



19.2480, 21.0438, 18.3766



18.9290, 21.0438, 27.5214



21.9149, 21.0438, 23.4616

Complementary

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



19.2480, 21.0438, 18.3766



16.6306, 16.7248, 22.7748

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.



21.5518, 21.0438, 26.1858



19.2480, 21.0438, 18.3766



19.8121, 21.0438, 28.6483

Square

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



19.2480, 21.0438, 18.3766



18.3475, 21.0438, 25.1690



20.7744, 21.0438, 28.1408



21.7521, 21.0438, 20.7962

Rectangle

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



19.2480, 21.0438, 18.3766



18.2604, 21.0438, 21.4853



20.7744, 21.0438, 28.1408



21.8499, 21.0438, 24.4029

Sweetspot

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



19.2486, 21.0447, 18.3771



35.3597, 37.6798, 38.2648



17.8297, 17.7642, 17.8186



8.2504, 8.8098, 8.8439



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



19.2486, 21.0447, 18.3771



33.4206, 36.8498, 30.5067



18.1339, 20.4701, 18.3249



4.6141, 4.9930, 4.6407



14.2785, 18.7232, 2.8614



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.6306, 16.7248, 22.7748



27.8697, 27.6898, 39.8320



17.6983, 17.2752, 22.8248



4.1550, 4.2355, 5.4118



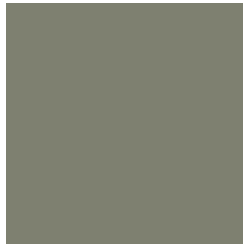
4.0763, 1.6551, 20.3546



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.2480, 21.0438, 18.3766 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 19.2480, 21.0438, 18.3766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

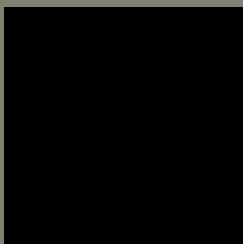
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

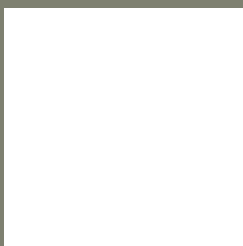
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2480, 21.0438, 18.3766

Background



This preview shows how black text looks on a background with the XYZ color 19.2480, 21.0438, 18.3766.



This preview shows how white text looks on a background with the XYZ color 19.2480, 21.0438,

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

19.2480, 21.0438, 18.3766

Protanopia

19.8458, 20.9749, 18.0415

Deuteranopia

21.2679, 20.9510, 18.5458



Tritanopia

20.7601, 21.0836, 25.8970

Trichromacy



Original Color

19.2480, 21.0438, 18.3766

Protanomaly

19.6645, 21.0723, 18.0698

Deuteranomaly

20.5048, 20.9259, 18.5812

Tritanomaly

20.1937, 21.0432, 23.0761

Monochromacy



Original Color

19.2480, 21.0438, 18.3766

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.6447, 20.9948, 21.1062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2480, 21.0438, 18.3766 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(126, 128, 112)` looks like.

```
.text, #text, p{  
    color:rgb(126, 128, 112)  
}
```

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(126, 128, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 128, 112) }
```

Border

The CSS property to change the border of an element to XYZ 19.2480, 21.0438, 18.3766 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(126, 128, 112) }
```


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

```
.border{ border-color:rgb(126, 128, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 128, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 128, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 128, 112);  
box-shadow:4px 4px 4px 4px rgb(126, 128,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2480, 21.0438, 18.3766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 128, 112) }
```

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

```
.background{ background-color: rgb(126,  
128, 112) }
```

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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