

Converting Colors

XYZ(20.4263, 20.7028, 18.5507)

Have a look what the booklet for
XYZ(20.4263, 20.7028, 18.5507)
contains.

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Color

**XYZ(20.3801, 20.6765,
18.5396)**

Conversions

Conversions Part 1

Format	Color
Hex	897B71
RGB	137, 123, 113
RGB Percent	54%, 48%, 44%
CMY	0.4627, 0.5176, 0.5569
CMYK	0.00, 0.10, 0.18, 0.46
HSL	25°, 10%, 49%
HSV	25°, 18%, 54%
XYZ	20.3801, 20.6765, 18.5396
YIQ	126.0460, 11.5540, -0.1420

Conversions

Conversions Part 2

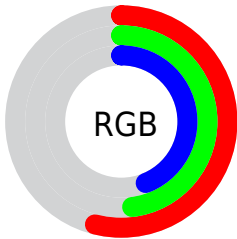
Format	Color
R_{YB}	137, 130, 113
Decimal	9010033
CIE Lab	52.59, 3.61, 7.41
CIE LCh	53, 8.243, 64.064
Yxy	20.6765, 0.3420, 0.3469
Android (android.graphics.Color)	4287200113 (0xFF897B71)
YUV	126.0460, -6.4317, 9.6067
Hunter-Lab	45.4714, 0.4280, 7.6563

Details

The XYZ color **20.3801, 20.6765, 18.5396** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.9147, 20.4952, 26.6261**, and the grayscale version is **19.8657, 20.9003, 22.7604**.

A 20% lighter version of the original color is **43.6074, 44.4529, 41.8792**, and **7.3334, 7.3054, 6.0246** is the 20% darker color. If you saturate the color by 10%, you get **18.7154, 18.4895, 14.4624**, and if you desaturate by 10%, it is **22.2433, 23.0738, 23.2580**.

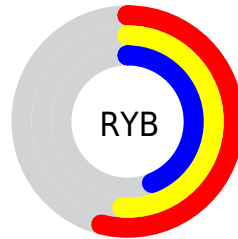
Distribution



Red (54%)

Green (48%)

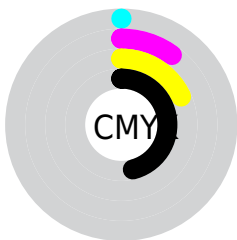
Blue (44%)



Red (54%)

Yellow (51%)

Blue (44%)

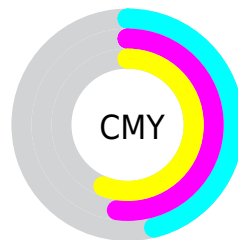


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (46%)



Cyan (46%)

Magenta (52%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3801, 20.6765, 18.5396 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 20.3801, 20.6765, 18.5396 by changing the saturation by 10% instead.

■ 20.3801, 20.6765,
18.5396

■ 20.3801, 20.6765,
18.5396

246.7600,
255.5542, 256.2326

■ 12.7815, 12.8877,
11.1646

■ 43.5526, 44.5485,
41.7810

■ 7.3542, 7.3513,
6.0621

■ 59.8573, 61.4006,
58.4844

■ 3.7329, 3.6828,
2.8135

■ 79.7947, 82.0425,
79.1345

■ 1.5522, 1.4977,
1.0002

■ 103.7301,
106.8587, 104.1497

■ 0.3609, 0.2871,
0.0000

132.0290,
136.2336, 133.9486

■ 0.0000, 0.0000,
0.0000

165.0568,

170.5515, 168.9497

203.1786,
210.1970, 209.5715

■ 20.3801, 20.6765,
18.5396

■ 20.3801, 20.6765,
18.5396

■ 18.7154, 18.4895,
14.4624

■ 22.2433, 23.0738,
23.2580

■ 17.2404, 16.5040,
10.9970

■ 24.3101, 25.6842,
28.6425

■ 15.9480, 14.7149,
8.1136

■ 26.5874, 28.5142,
34.7185

■ 14.8302, 13.1154,
5.7797

■ 29.0813, 31.5689,
41.5094

■ 13.8780, 11.6986,
3.9591

■ 31.7977, 34.8534,
49.0376

■ 13.0816, 10.4569,
2.6115

■ 34.7421, 38.3725,
57.3247

■ 12.4300, 9.3821,
1.6902

■ 37.9200, 42.1310,
66.3910

■ 11.9034, 8.4622,
1.1036

■ 41.3366, 46.1334,
76.2565

■ 11.7846, 8.2544,
0.9721

■ 44.9969, 50.3843,
86.9402

Harmonies

Analogous

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



21.0458, 20.6765, 19.9780



20.3801, 20.6765, 18.5396



19.5361, 20.6765, 18.1364

Triad

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



20.3801, 20.6765, 18.5396



18.0580, 20.6765, 22.8485



20.5875, 20.6765, 26.6425

Complementary

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



20.3801, 20.6765, 18.5396



18.9147, 20.4952, 26.6261

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.



19.7691, 20.6765, 27.5429



20.3801, 20.6765, 18.5396



18.3219, 20.6765, 25.2543

Square

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



20.3801, 20.6765, 18.5396



18.2110, 20.6765, 20.5164



18.9422, 20.6765, 27.0175



21.1679, 20.6765, 24.6355

Rectangle

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



20.3801, 20.6765, 18.5396



18.9897, 20.6765, 18.4826



18.9422, 20.6765, 27.0175



20.3303, 20.6765, 27.0909

Sweetspot

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



20.3807, 20.6774, 18.5400



40.6907, 42.4108, 43.8612



20.0526, 18.6612, 22.6240



9.0779, 9.4505, 9.7116



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.



20.3807, 20.6774, 18.5400



35.2797, 35.4393, 30.1862



21.9613, 23.8387, 19.0669



5.1930, 5.3688, 5.3150



10.9886, 7.7116, 0.9093



0.0869, 0.0791, 0.0107

Inverse Universe

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



18.9147, 20.4952, 26.6261



32.1486, 35.0493, 47.4539



17.4564, 17.5786, 26.1400



5.0010, 5.3450, 6.3739



6.8835, 7.0373, 23.0412



0.0602, 0.0757, 0.1579

Previews

White Background



This preview shows how the XYZ color 20.3801, 20.6765, 18.5396 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 20.3801, 20.6765, 18.5396 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

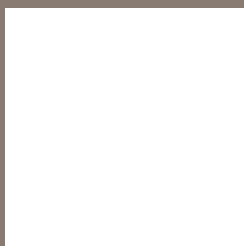
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.3801, 20.6765, 18.5396

Background



This preview shows how black text looks on a background with the XYZ color 20.3801, 20.6765, 18.5396.



This preview shows how white text looks on a background with the XYZ color 20.3801, 20.6765,

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

20.3801, 20.6765, 18.5396

Protanopia

19.5768, 20.6280, 18.8694

Deuteranopia

20.9733, 20.6178, 18.4970



Tritanopia

21.5141, 20.7754, 23.9952

Trichromacy



Original Color

20.3801, 20.6765, 18.5396

Protanomaly

19.9178, 20.6168, 18.8492

Deuteranomaly

20.7554, 20.6868, 18.5218

Tritanomaly

21.0789, 20.7776, 21.9683

Monochromacy



Original Color

20.3801, 20.6765, 18.5396

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.9907, 20.7935, 21.0491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3801, 20.6765, 18.5396 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, 123, 113)` looks like.

```
.text, #text, p{  
    color:rgb(137, 123, 113)  
}
```

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, 123, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 123, 113) }
```

Border

The CSS property to change the border of an element to XYZ 20.3801, 20.6765, 18.5396 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, 123, 113) }
```


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

```
.border{ border-color:rgb(137, 123, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 123, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 123, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 123, 113);  
box-shadow:4px 4px 4px 4px rgb(137, 123,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3801, 20.6765, 18.5396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 123, 113) }
```

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

```
.background{ background-color: rgb(137,  
123, 113) }
```

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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