

Converting Colors

XYZ(20.4597, 20.3825, 18.4049)

Have a look what the booklet for
XYZ(20.4597, 20.3825, 18.4049)
contains.

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Color

**XYZ(20.4655, 20.3560,
18.4732)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7971
RGB	139, 121, 113
RGB Percent	55%, 47%, 44%
CMY	0.4549, 0.5255, 0.5569
CMYK	0.00, 0.13, 0.19, 0.45
HSL	18°, 10%, 49%
HSV	18°, 19%, 55%
XYZ	20.4655, 20.3560, 18.4732
YIQ	125.4700, 13.2960, 1.3280

Conversions

Conversions Part 2

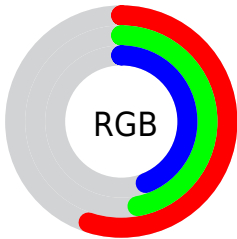
Format	Color
R_{YB}	139, 125, 113
Decimal	9140593
CIE Lab	52.24, 5.56, 6.93
CIE LCh	52, 8.885, 51.273
Yxy	20.3560, 0.3451, 0.3433
Android (android.graphics.Color)	4287330673 (0xFF8B7971)
YUV	125.4700, -6.1477, 11.8658
Hunter-Lab	45.1176, 2.0123, 7.3063

Details

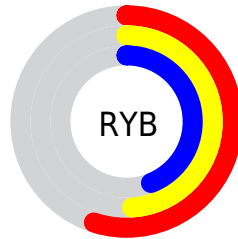
The XYZ color **20.4655, 20.3560, 18.4732** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.5864, 21.6069, 27.5645**, and the grayscale version is **19.6690, 20.6933, 22.5350**.

A 20% lighter version of the original color is **43.7274, 43.9412, 41.7741**, and **7.4565, 7.2706, 6.0114** is the 20% darker color. If you saturate the color by 10%, you get **18.6307, 17.8442, 14.2920**, and if you desaturate by 10%, it is **22.5379, 23.1508, 23.3255**.

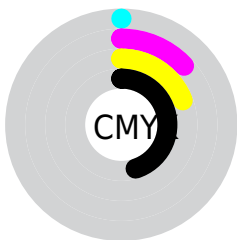
Distribution



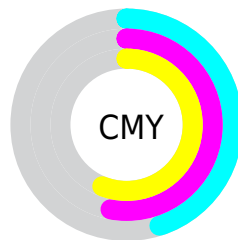
- Red (55%)
- Green (47%)
- Blue (44%)



- Red (55%)
- Yellow (49%)
- Blue (44%)



- Cyan (0%)
- Magenta (13%)
- Yellow (19%)
- Black (45%)



- Cyan (45%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4655, 20.3560, 18.4732 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 20.4655, 20.3560, 18.4732 by changing the saturation by 10% instead.

■ 20.4655, 20.3560,
18.4732

■ 20.4655, 20.3560,
18.4732

247.2099,
253.8359, 255.8500

■ 12.8441, 12.6541,
11.1173

■ 43.6943, 44.0132,
41.6668

■ 7.3975, 7.1908,
6.0306

■ 60.0324, 60.7374,
58.3416

■ 3.7605, 3.5817,
2.7946

■ 80.0067, 81.2377,
78.9597

■ 1.5675, 1.4424,
0.9907

■ 103.9827,
105.8986, 103.9398

■ 0.3711, 0.2477,
0.0000

132.3256,
135.1044, 133.7003

■ 0.0000, 0.0000,
0.0000

165.4009,

169.2397, 168.6598

203.5739,
208.6887, 209.2368

■ 20.4655, 20.3560,
18.4732

■ 20.4655, 20.3560,
18.4732

■ 18.6307, 17.8442,
14.2920

■ 22.5379, 23.1508,
23.3255

■ 17.0231, 15.6038,
10.7508

■ 24.8547, 26.2346,
28.8755

■ 15.6338, 13.6262,
7.8181

■ 27.4242, 29.6162,
35.1499

■ 14.4526, 11.9013,
5.4590

■ 30.2541, 33.3037,
42.1738

■ 13.4685, 10.4185,
3.6350

■ 33.3517, 37.3046,
49.9707

■ 12.6696, 9.1662,
2.3032

■ 36.7238, 41.6261,
58.5634

■ 12.0419, 8.1316,
1.4134

■ 40.3771, 46.2754,
67.9737

■ 11.5593, 7.2966,
0.8509

■ 44.3181, 51.2591,
78.2224

■ 11.5036, 7.2012,
0.7837

■ 48.5530, 56.5839,
89.3298

Harmonies

Analogous

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



21.0280, 20.3560, 20.3919



20.4655, 20.3560, 18.4732



19.6150, 20.3560, 17.5623

Triad

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



20.4655, 20.3560, 18.4732



17.6660, 20.3560, 21.4111



19.9909, 20.3560, 27.1804

Complementary

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



20.4655, 20.3560, 18.4732



19.5864, 21.6069, 27.5645

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.



19.0830, 20.3560, 27.5070



20.4655, 20.3560, 18.4732



17.7595, 20.3560, 24.0364

Square

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



20.4655, 20.3560, 18.4732



18.0119, 20.3560, 19.1689



18.2715, 20.3560, 26.3168



20.7480, 20.3560, 25.4563

Rectangle

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



20.4655, 20.3560, 18.4732



19.0071, 20.3560, 17.5955



18.2715, 20.3560, 26.3168



19.6925, 20.3560, 27.4623

Sweetspot

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



20.4661, 20.3569, 18.4736



41.3867, 42.8302, 44.2088



20.6631, 18.9436, 24.1115



9.4850, 9.8004, 10.0642



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.



20.4661, 20.3569, 18.4736



35.3616, 34.6990, 30.1186



22.1258, 23.6764, 19.0269



5.1503, 5.2834, 5.3008



10.3964, 6.5271, 0.7119



0.0809, 0.0670, 0.0087

Inverse Universe

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



19.5864, 21.6069, 27.5645



33.5163, 37.3180, 49.1796



17.9725, 18.3791, 27.0266



5.0451, 5.4332, 6.3886



8.0146, 9.2996, 23.4183



0.0663, 0.0878, 0.1599

Previews

White Background



This preview shows how the XYZ color 20.4655, 20.3560, 18.4732 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 20.4655, 20.3560, 18.4732 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 20.4655, 20.3560, 18.4732

Background



This preview shows how black text looks on a background with the XYZ color 20.4655, 20.3560, 18.4732.



This preview shows how white text looks on a background with the XYZ color 20.4655, 20.3560,

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

20.4655, 20.3560, 18.4732

Protanopia

19.3554, 20.3202, 19.1217

Deuteranopia

20.6816, 20.2879, 18.4487



Tritanopia

21.4776, 20.4149, 23.2305

Trichromacy



Original Color

20.4655, 20.3560, 18.4732

Protanomaly

19.7931, 20.3674, 18.8077

Deuteranomaly

20.5123, 20.2006, 18.4408

Tritanomaly

21.1068, 20.4385, 21.5715

Monochromacy



Original Color

20.4655, 20.3560, 18.4732

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.8648, 20.5416, 21.0071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4655, 20.3560, 18.4732 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, 121, 113)` looks like.

```
.text, #text, p{  
    color:rgb(139, 121, 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(139, 121, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 121, 113) }
```

Border

The CSS property to change the border of an element to XYZ 20.4655, 20.3560, 18.4732 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, 121, 113) }
```


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

```
.border{ border-color:rgb(139, 121, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 121, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 121, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 121, 113);  
box-shadow:4px 4px 4px 4px rgb(139, 121,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4655, 20.3560, 18.4732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 121, 113) }
```

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

```
.background{ background-color: rgb(139,  
121, 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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