

Converting Colors

XYZ(21.1206, 20.4235, 17.6133)

Have a look what the booklet for
XYZ(21.1206, 20.4235, 17.6133)
contains.

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Color

**XYZ(21.0884, 20.3392,
17.5662)**

Conversions

Conversions Part 1

Format	Color
Hex	91776E
RGB	145, 119, 110
RGB Percent	57%, 47%, 43%
CMY	0.4314, 0.5333, 0.5686
CMYK	0.00, 0.18, 0.24, 0.43
HSL	15°, 14%, 50%
HSV	15°, 24%, 57%
XYZ	21.0884, 20.3392, 17.5662
YIQ	125.7480, 18.3850, 2.7130

Conversions

Conversions Part 2

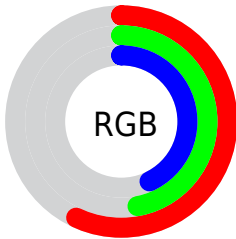
Format	Color
R_{YB}	145, 122, 110
Decimal	9533294
CIE Lab	52.22, 8.65, 8.74
CIE LCh	52, 12.297, 45.303
Yxy	20.3392, 0.3575, 0.3448
Android (android.graphics.Color)	4287723374 (0xFF91776E)
YUV	125.7480, -7.7638, 16.8840
Hunter-Lab	45.0990, 4.5438, 8.4757

Details

The XYZ color **21.0884, 20.3392, 17.5662** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.3452, 22.9671, 30.1491**, and the grayscale version is **19.7672, 20.7967, 22.6476**.

A 20% lighter version of the original color is **44.6377, 43.8766, 40.2988**, and **7.7388, 7.2340, 5.5458** is the 20% darker color. If you saturate the color by 10%, you get **19.1528, 17.6296, 13.3396**, and if you desaturate by 10%, it is **23.2996, 23.3929, 22.5226**.

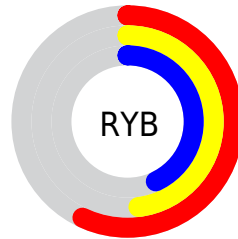
Distribution



Red (57%)

Green (47%)

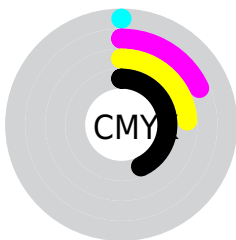
Blue (43%)



Red (57%)

Yellow (48%)

Blue (43%)

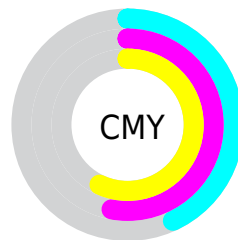


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (43%)



Cyan (43%)


Magenta (53%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.0884, 20.3392, 17.5662 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 21.0884, 20.3392, 17.5662 by changing the saturation by 10% instead.


 21.0884, 20.3392,
17.5662


 21.0884, 20.3392,
17.5662


250.4707,
253.7455, 250.5679


 13.3015, 12.6419,
10.4728


 44.7248, 43.9851,
40.1006


 7.7149, 7.1824,
5.6039


 61.3049, 60.7025,
56.3788

 3.9633, 3.5764,
2.5409

 81.5469, 81.1954,
76.5555

 1.6814, 1.4396,
0.8617

 105.8159,
105.8481, 101.0495

 0.4446, 0.2456,
0.0000

134.4775,
135.0451, 130.2791

 0.0000, 0.0000,
0.0000

167.8969,

169.1707, 164.6631

206.4396,
208.6094, 204.6198

■ 21.0884, 20.3392,
17.5662

■ 21.0884, 20.3392,
17.5662

■ 19.1528, 17.6296,
13.3396

■ 23.2996, 23.3929,
22.5226

■ 17.4800, 15.2491,
9.8068

■ 25.7952, 26.7995,
28.2397

■ 16.0587, 13.1858,
6.9307

■ 28.5857, 30.5709,
34.7486

■ 14.8761, 11.4260,
4.6703

■ 31.6804, 34.7175,
42.0777

■ 13.9181, 9.9546,
2.9796

■ 35.0884, 39.2496,
50.2546

■ 13.1688, 8.7557,
1.8066

■ 38.8181, 44.1766,
59.3051

■ 12.6100, 7.8110,
1.0871

■ 42.8780, 49.5081,
69.2541

■ 12.3480, 7.3615,
0.7701

■ 47.2759, 55.2529,
80.1257

■ 52.0195, 61.4200,
91.9427

Harmonies

Analogous

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



21.7668, 20.3392, 20.3628



21.0884, 20.3392, 17.5662



19.9537, 20.3392, 16.0836

Triad

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



21.0884, 20.3392, 17.5662



17.0794, 20.3392, 20.4300



19.9790, 20.3392, 29.5442

Complementary

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



21.0884, 20.3392, 17.5662



20.3452, 22.9671, 30.1491

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.



18.7230, 20.3392, 29.5672



21.0884, 20.3392, 17.5662



17.0855, 20.3392, 24.0302

Square

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



21.0884, 20.3392, 17.5662



17.6585, 20.3392, 17.6107



17.6756, 20.3392, 27.4596



21.1076, 20.3392, 27.3997

Rectangle

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



21.0884, 20.3392, 17.5662



19.1085, 20.3392, 15.9245



17.6756, 20.3392, 27.4596



19.5568, 20.3392, 29.8074

Sweetspot

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



21.0889, 20.3401, 17.5666



44.7959, 46.0906, 47.3461



21.7150, 18.9566, 25.9005



9.9154, 10.1853, 10.4178



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.



21.0889, 20.3401, 17.5666



35.8116, 33.6976, 27.1626



23.3312, 24.8246, 18.3140



5.5147, 5.6356, 5.6865



10.6099, 6.3516, 0.6668



0.1171, 0.0921, 0.0116

Inverse Universe

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



20.3452, 22.9671, 30.1491



34.2375, 39.2413, 53.7434



18.1086, 18.4938, 29.4036



5.4445, 5.8847, 6.8777



8.9780, 10.9421, 24.6159



0.1036, 0.1401, 0.2413

Previews

White Background



This preview shows how the XYZ color 21.0884, 20.3392, 17.5662 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 21.0884, 20.3392, 17.5662 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 21.0884, 20.3392, 17.5662

Background



This preview shows how black text looks on a background with the XYZ color 21.0884, 20.3392, 17.5662.



This preview shows how white text looks on a background with the XYZ color 21.0884, 20.3392,

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

21.0884, 20.3392, 17.5662

Protanopia

19.3942, 20.3534, 18.5292

Deuteranopia

20.6863, 20.3095, 17.5817



Tritanopia

22.1598, 20.4320, 22.5145

Trichromacy



Original Color

21.0884, 20.3392, 17.5662

Protanomaly

19.8758, 20.2398, 18.1883

Deuteranomaly

20.8586, 20.3984, 17.5898

Tritanomaly

21.7227, 20.4239, 20.5666

Monochromacy



Original Color

21.0884, 20.3392, 17.5662

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.1460, 20.5085, 20.6660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0884, 20.3392, 17.5662 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(145, 119, 110)` looks like.

```
.text, #text, p{  
    color:rgb(145, 119, 110)  
}
```

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(145, 119, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 119, 110) }
```

Border

The CSS property to change the border of an element to XYZ 21.0884, 20.3392, 17.5662 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(145, 119, 110) }
```


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

```
.border{ border-color:rgb(145, 119, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 119, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 119, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 119, 110);  
box-shadow:4px 4px 4px 4px rgb(145, 119,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0884, 20.3392, 17.5662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 119, 110) }
```

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

```
.background{ background-color: rgb(145,  
119, 110) }
```

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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