

Converting Colors

XYZ(21.0425, 19.2760, 17.9408)

Have a look what the booklet for
XYZ(21.0425, 19.2760, 17.9408)
contains.

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Color

**XYZ(21.0425, 19.2760,
17.9408)**

Conversions

Conversions Part 1

Format	Color
Hex	947170
RGB	148, 113, 112
RGB Percent	58%, 44%, 44%
CMY	0.4196, 0.5568, 0.5608
CMYK	0.00, 0.24, 0.24, 0.42
HSL	2°, 14%, 51%
HSV	2°, 24%, 58%
XYZ	21.0425, 19.2760, 17.9408
YIQ	123.3510, 21.1810, 7.1090

Conversions

Conversions Part 2

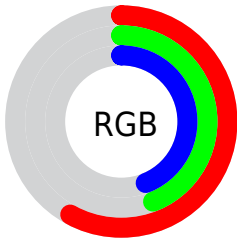
Format	Color
R_{YB}	148, 113, 112
Decimal	9728368
CIE _{Lab}	51.01, 13.65, 5.89
CIE _{LCh}	51, 14.861, 23.336
Yxy	19.2760, 0.3612, 0.3309
Android (android.graphics.Color)	4287918448 (0xFF947170)
YUV	123.3510, -5.5960, 21.6172
Hunter-Lab	43.9044, 8.7186, 6.5053

Details

The XYZ color **21.0425, 19.2760, 17.9408** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.4608, 26.4496, 31.9386**, and the grayscale version is **18.9561, 19.9433, 21.7183**.

A 20% lighter version of the original color is **44.7846, 42.2871, 40.9238**, and **7.6396, 6.6376, 5.7290** is the 20% darker color. If you saturate the color by 10%, you get **18.8054, 16.0138, 13.4582**, and if you desaturate by 10%, it is **23.6706, 23.1031, 23.2225**.

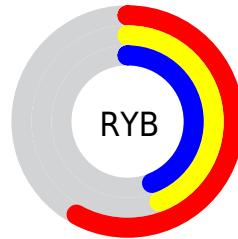
Distribution



Red (58%)

Green (44%)

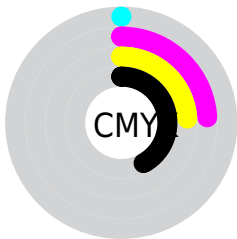
Blue (44%)



Red (58%)

Yellow (44%)

Blue (44%)

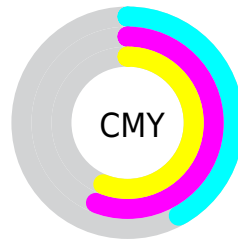


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (42%)



Cyan (42%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0425, 19.2760, 17.9408 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 21.0425, 19.2760, 17.9408 by changing the saturation by 10% instead.

21.0425, 19.2760,
17.9408

21.0425, 19.2760,
17.9408

250.2317,
247.9682, 252.7621

13.2677, 11.8699,
10.7385

44.6490, 42.2000,
40.7490

7.6914, 6.6551,
5.7793

61.2114, 58.4866,
57.1920

3.9483, 3.2474,
2.6448

81.4338, 78.5022,
77.5522

1.6729, 1.2622,
0.9154

105.6814,
102.6311, 102.2484

0.4392, 0.1117,
0.0000

134.3196,
131.2578, 131.6989

0.0000, 0.0000,
0.0000

167.7139,

164.7666, 166.3223

206.2294,
203.5419, 206.5372

■ 21.0425, 19.2760,
17.9408

■ 21.0425, 19.2760,
17.9408

■ 18.8054, 16.0138,
13.4582

■ 23.6706, 23.1031,
23.2225

■ 16.9392, 13.2874,
9.7348

■ 26.7055, 27.5173,
29.3382

■ 15.4242, 11.0688,
6.7287


■ 30.1641, 32.5428,
36.3224


■ 14.2386, 9.3267,
4.3940


■ 34.0616, 38.2017,
44.2070


■ 13.3579, 8.0263,
2.6790


■ 38.4127, 44.5149,
53.0226


 12.7541, 7.1278,
1.5248


 43.2315, 51.5025,
62.7981

 12.3938, 6.5844,
0.8589

 48.5311, 59.1836,
73.5614

 12.2576, 6.3854,
0.5865

 54.3246, 67.5765,
85.3389

 60.6241, 76.6990,
98.1564

Harmonies

Analogous

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



21.2761, 19.2760, 21.9423



21.0425, 19.2760, 17.9408



20.0623, 19.2760, 15.1389

Triad

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



21.0425, 19.2760, 17.9408



16.1452, 19.2760, 16.5141



17.9950, 19.2760, 30.1041

Complementary

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



21.0425, 19.2760, 17.9408



22.4608, 26.4496, 31.9386

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.



16.6840, 19.2760, 28.1783



21.0425, 19.2760, 17.9408



15.6535, 19.2760, 20.0623

Square

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



21.0425, 19.2760, 17.9408



17.2237, 19.2760, 14.3954



15.8454, 19.2760, 24.3627



19.4644, 19.2760, 29.3377

Rectangle

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



21.0425, 19.2760, 17.9408



19.1442, 19.2760, 14.1462



15.8454, 19.2760, 24.3627



17.5222, 19.2760, 29.7426

Sweetspot

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



21.0430, 19.2769, 17.9412



45.5382, 46.2522, 48.5746



23.3050, 20.0036, 30.4015



10.3313, 10.4651, 10.9593



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.0430, 19.2769, 17.9412



34.9707, 30.8664, 27.3281



23.2002, 23.5913, 18.6603



5.8130, 5.8397, 6.0613



10.4733, 5.4610, 0.5021



0.1308, 0.0720, 0.0070

Inverse Universe

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



22.4608, 26.4496, 31.9386



37.9000, 45.6883, 56.2558



19.9306, 21.3892, 31.0952



5.9504, 6.5348, 7.4175



13.0720, 18.8389, 26.8783



0.1635, 0.2376, 0.3301

Previews

White Background



This preview shows how the XYZ color 21.0425, 19.2760, 17.9408 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 21.0425, 19.2760, 17.9408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

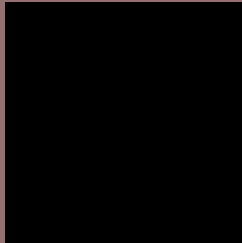
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.0425, 19.2760, 17.9408

Background



This preview shows how black text looks on a background with the XYZ color 21.0425, 19.2760, 17.9408.



This preview shows how white text looks on a background with the XYZ color 21.0425, 19.2760,

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

21.0425, 19.2760, 17.9408

Protanopia

18.4472, 19.2957, 19.2752

Deuteranopia

19.5471, 19.1886, 17.7125



Tritanopia

21.5788, 19.3340, 20.3638

Trichromacy



Original Color

21.0425, 19.2760, 17.9408

Protanomaly

19.2458, 19.1812, 18.9076

Deuteranomaly

20.0991, 19.3012, 17.7051

Tritanomaly

21.3995, 19.2623, 19.4197

Monochromacy



Original Color

21.0425, 19.2760, 17.9408

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.4423, 19.4311, 20.1786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0425, 19.2760, 17.9408 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(148, 113, 112) looks like.

```
.text, #text, p{  
    color:rgb(148, 113, 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(148, 113, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 113, 112) }
```

Border

The CSS property to change the border of an element to XYZ 21.0425, 19.2760, 17.9408 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(148, 113, 112) }
```


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

```
.border{ border-color:rgb(148, 113, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 113, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 113, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 113, 112);  
box-shadow:4px 4px 4px 4px rgb(148, 113,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0425, 19.2760, 17.9408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 113, 112) }
```

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

```
.background{ background-color: rgb(148,  
113, 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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