

Converting Colors

XYZ(21.0910, 17.0608, 13.3424)

Have a look what the booklet for
XYZ(21.0910, 17.0608, 13.3424)
contains.

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Color

**XYZ(21.1769, 17.1570,
13.2618)**

Conversions

Conversions Part 1

Format	Color
Hex	A16260
RGB	161, 98, 96
RGB Percent	63%, 38%, 38%
CMY	0.3686, 0.6157, 0.6235
CMYK	0.00, 0.39, 0.40, 0.37
HSL	2°, 26%, 50%
HSV	2°, 40%, 63%
XYZ	21.1769, 17.1570, 13.2618
YIQ	116.6090, 38.1900, 12.7340

Conversions

Conversions Part 2

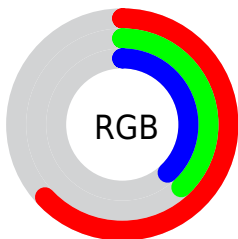
Format	Color
RYB	161, 98, 96
Decimal	10576480
CIELab	48.46, 25.28, 11.99
CIELCh	48, 27.985, 25.378
Yxy	17.1570, 0.4104, 0.3325
Android (android.graphics.Color)	4288766560 (0xFFA16260)
YUV	116.6090, -10.1602, 38.9309
Hunter-Lab	41.4210, 18.7731, 10.0118

Details

The XYZ color **21.1769, 17.1570, 13.2618** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.6543, 29.8547, 38.2338**, and the grayscale version is **16.8102, 17.6857, 19.2597**.

A 20% lighter version of the original color is **44.8492, 38.4756, 32.2569**, and **7.7797, 5.6373, 3.6957** is the 20% darker color. If you saturate the color by 10%, you get **19.1898, 14.2500, 9.3093**, and if you desaturate by 10%, it is **23.6013, 20.6956, 18.1094**.

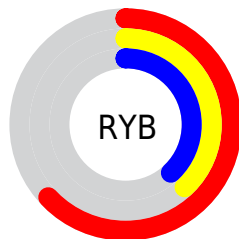
Distribution



Red (63%)

Green (38%)

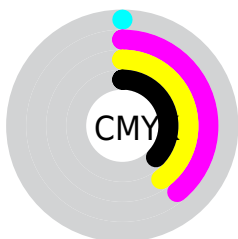
Blue (38%)



Red (63%)

Yellow (38%)

Blue (38%)

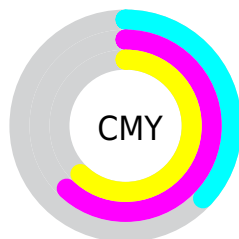


Cyan (0%)

Magenta (39%)

Yellow (40%)

Black (37%)



Cyan (37%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1769, 17.1570, 13.2618 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 21.1769, 17.1570, 13.2618 by changing the saturation by 10% instead.

■ 21.1769, 17.1570,
13.2618

■ 21.1769, 17.1570,
13.2618

250.9311,
236.0755, 223.8552

■ 13.3666, 10.3465,
7.4762

■ 44.8708, 38.5955,
32.4714

■ 7.7602, 5.6293,
3.6787

■ 61.4851, 53.9923,
46.7325

■ 3.9924, 2.6210,
1.4508

■ 81.7648, 73.0200,
64.6558

■ 1.6978, 0.9372,
0.1809

■ 106.0752, 96.0630,
86.6599

■ 0.4549, 0.0000,
0.0000

134.7816,
123.5056, 113.1634

■ 0.0000, 0.0000,
0.0000

168.2496,

155.7323, 144.5847

206.8442,
193.1275, 181.3425

■ 21.1769, 17.1570,
13.2618

■ 21.1769, 17.1570,
13.2618

■ 19.1898, 14.2500,
9.3093

■ 23.6013, 20.6956,
18.1094

■ 17.6128, 11.9352,
6.1963

■ 26.4856, 24.8972,
23.9011

■ 16.4175, 10.1726,
3.8623


■ 29.8521, 29.7943,
30.6837


■ 15.5717, 8.9163,
2.2385


■ 33.7217, 35.4163,
38.5004


■ 15.0376, 8.1128,
1.2442


■ 38.1137, 41.7910,
47.3921

 14.7517, 7.6848,
0.7058

 43.0466, 48.9447,
57.3972

 48.5379, 56.9026,
68.5524

 54.6043, 65.6886,
80.8926

 61.2619, 75.3255,
94.4515

Harmonies

Analogous

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



21.7286, 17.1570, 19.8415



21.1769, 17.1570, 13.2618



19.2702, 17.1570, 9.3078

Triad

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



21.1769, 17.1570, 13.2618



12.5789, 17.1570, 11.7553



15.9134, 17.1570, 36.5740

Complementary

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



21.1769, 17.1570, 13.2618



23.6543, 29.8547, 38.2338

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.



13.6646, 17.1570, 32.8676



21.1769, 17.1570, 13.2618



11.8721, 17.1570, 17.5668

Square

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



21.1769, 17.1570, 13.2618



14.2851, 17.1570, 8.6113



12.2479, 17.1570, 25.4059



18.5117, 17.1570, 34.5529

Rectangle

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



21.1769, 17.1570, 13.2618



17.5831, 17.1570, 8.0825



12.2479, 17.1570, 25.4059



15.0946, 17.1570, 35.9343

Sweetspot

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



21.1773, 17.1578, 13.2621



52.2787, 51.6376, 52.5635



25.2186, 18.4780, 35.4567



11.3017, 11.0867, 11.1977



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.1773, 17.1578, 13.2621



34.8438, 26.2184, 17.6167



24.7365, 24.2762, 14.4485



7.0905, 7.1193, 7.3805



11.7875, 6.1489, 0.5656



0.2526, 0.1391, 0.0135

Inverse Universe

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



23.6543, 29.8547, 38.2338



39.8673, 51.9878, 68.3199



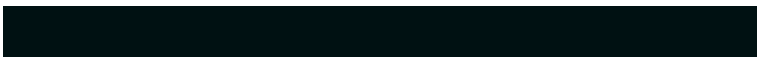
18.9002, 20.3467, 36.6491



7.2573, 7.9736, 9.0596



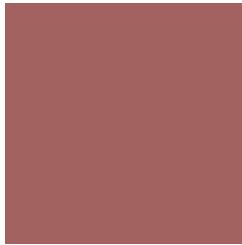
14.6433, 21.0660, 30.2242



0.3131, 0.4534, 0.6369

Previews

White Background



This preview shows how the XYZ color 21.1769, 17.1570, 13.2618 looks on a white background.

Color Contrast Check

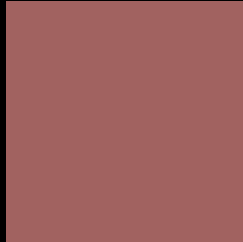
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.1769, 17.1570, 13.2618 looks on a black 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

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

XYZ 21.1769, 17.1570, 13.2618

Background



This preview shows how black text looks on a background with the XYZ color 21.1769, 17.1570, 13.2618.

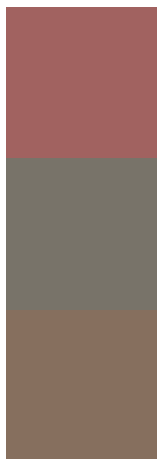


This preview shows how white text looks on a background with the XYZ color 21.1769, 17.1570,

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

21.1769, 17.1570, 13.2618

Protanopia

16.4263, 17.2745, 15.8331

Deuteranopia

17.5363, 17.2454, 12.9941



Tritanopia

21.6737, 17.2302, 15.2801

Trichromacy



Original Color

21.1769, 17.1570, 13.2618

Protanomaly

17.8586, 17.0475, 14.9196

Deuteranomaly

18.7212, 17.0636, 13.1334

Tritanomaly

21.5239, 17.1704, 14.4917

Monochromacy



Original Color

21.1769, 17.1570, 13.2618

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.0091, 17.2425, 16.8470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1769, 17.1570, 13.2618 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(161, 98, 96)` looks like.

```
.text, #text, p{  
    color:rgb(161, 98, 96)  
}
```

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(161, 98, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 98, 96) }
```

Border

The CSS property to change the border of an element to XYZ 21.1769, 17.1570, 13.2618 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(161, 98, 96) }
```


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

```
.border{ border-color:rgb(161, 98, 96) }
```

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

Here you see how a box with a 4 pixel rgb(161, 98, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 98, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 98, 96);  
box-shadow:4px 4px 4px 4px rgb(161, 98,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1769, 17.1570, 13.2618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 98, 96) }
```

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

```
.background{ background-color: rgb(161, 98,  
96) }
```

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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