

Converting Colors

XYZ(21.4639, 17.2717, 14.7729)

Have a look what the booklet for
XYZ(21.4639, 17.2717, 14.7729)
contains.

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Color

**XYZ(21.4639, 17.2717,
14.7729)**

Conversions

Conversions Part 1

Format	Color
Hex	A16266
RGB	161, 98, 102
RGB Percent	63%, 38%, 40%
CMY	0.3686, 0.6157, 0.6000
CMYK	0.00, 0.39, 0.37, 0.37
HSL	356°, 25%, 51%
HSV	356°, 39%, 63%
XYZ	21.4639, 17.2717, 14.7729
YIQ	117.2930, 36.2640, 14.6000

Conversions

Conversions Part 2

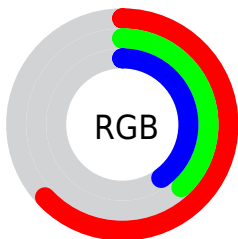
Format	Color
R_{YB}	161, 98, 102
Decimal	10576486
CIE _{Lab}	48.60, 26.03, 8.61
CIE _{LCh}	49, 27.417, 18.304
Yxy	17.2717, 0.4011, 0.3228
Android (android.graphics.Color)	4288766566 (0xFFA16266)
YUV	117.2930, -7.5394, 38.3310
Hunter-Lab	41.5592, 19.4604, 8.0159

Details

The XYZ color **21.4639, 17.2717, 14.7729** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.8684, 30.5211, 36.5330**, and the grayscale version is **17.0146, 17.9007, 19.4938**.

A 20% lighter version of the original color is **45.5696, 39.0180, 35.2664**, and **7.8936, 5.6828, 4.2953** is the 20% darker color. If you saturate the color by 10%, you get **19.4252, 14.2841, 10.7335**, and if you desaturate by 10%, it is **23.9426, 20.9214, 19.6304**.

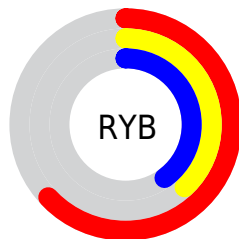
Distribution



Red (63%)

Green (38%)

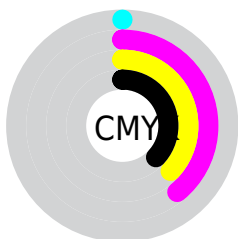
Blue (40%)



Red (63%)

Yellow (38%)

Blue (40%)

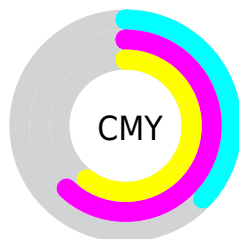


Cyan (0%)

Magenta (39%)

Yellow (37%)

Black (37%)



Cyan (37%)

Magenta (62%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4639, 17.2717, 14.7729 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 21.4639, 17.2717, 14.7729 by changing the saturation by 10% instead.

■ 21.4639, 17.2717,
14.7729

■ 21.4639, 17.2717,
14.7729

252.4190,
236.7333, 233.5807

■ 13.5779, 10.4284,
8.5153

■ 45.3438, 38.7923,
35.1909

■ 7.9074, 5.6839,
4.3339

■ 62.0684, 54.2385,
50.1885

■ 4.0871, 2.6538,
1.8103

■ 82.4700, 73.3210,
68.9364

■ 1.7515, 0.9538,
0.4347

■ 106.9138, 96.4243,
91.8532

■ 0.4882, 0.0000,
0.0000

135.7653,
123.9328, 119.3575

■ 0.0000, 0.0000,
0.0000

169.3897,

156.2308, 151.8679

208.1525,
193.7029, 189.8028

■ 21.4639, 17.2717,
14.7729

■ 21.4639, 17.2717,
14.7729

■ 19.4252, 14.2841,
10.7335

■ 23.9426, 20.9214,
19.6304

■ 17.7994, 11.9165,
7.4662

■ 26.8835, 25.2670,
25.3466

■ 16.5586, 10.1261,
4.9221

■ 30.3089, 30.3428,
31.9605


■ 15.6711, 8.8636,
3.0461


■ 34.2393, 36.1802,
39.5083


■ 15.0997, 8.0711,
1.7753


■ 38.6940, 42.8089,
48.0246


 14.7767, 7.6330,
1.0274

 43.6914, 50.2569,
57.5417

 14.7539, 7.5995,
0.9825

 49.2488, 58.5508,
68.0909

 55.3829, 67.7160,
79.7018

 62.1096, 77.7769,
92.4030

Harmonies

Analogous

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



21.6373, 17.2717, 21.7642



21.4639, 17.2717, 14.7729



19.8577, 17.2717, 10.2254

Triad

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



21.4639, 17.2717, 14.7729



13.0551, 17.2717, 10.9981



15.4527, 17.2717, 35.9469

Complementary

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



21.4639, 17.2717, 14.7729



23.8684, 30.5211, 36.5330

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.



13.3973, 17.2717, 31.1985



21.4639, 17.2717, 14.7729



12.1108, 17.2717, 16.1287

Square

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



21.4639, 17.2717, 14.7729



14.9399, 17.2717, 8.4622



12.2293, 17.2717, 23.5134



17.9867, 17.2717, 35.3126

Rectangle

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



21.4639, 17.2717, 14.7729



18.2750, 17.2717, 8.6284



12.2293, 17.2717, 23.5134



14.6880, 17.2717, 34.8863

Sweetspot

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



21.4644, 17.2725, 14.7732



52.2854, 51.3824, 53.3938



24.6668, 18.4574, 35.9808



11.3033, 11.0263, 11.3943



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.



21.4644, 17.2725, 14.7732



35.2022, 26.1859, 20.0466



24.2747, 23.2029, 14.7555



7.0912, 7.0929, 7.4664



11.7894, 6.0718, 0.8154



0.2529, 0.1296, 0.0442

Inverse Universe

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



21.4644, 17.2725, 14.7732



35.2022, 26.1859, 20.0466



19.9544, 22.1380, 36.9396



7.0912, 7.0929, 7.4664



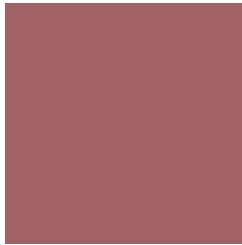
11.7894, 6.0718, 0.8154



0.2529, 0.1296, 0.0442

Previews

White Background



This preview shows how the XYZ color 21.4639, 17.2717, 14.7729 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 21.4639, 17.2717, 14.7729 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 21.4639, 17.2717, 14.7729

Background



This preview shows how black text looks on a background with the XYZ color 21.4639, 17.2717, 14.7729.



This preview shows how white text looks on a background with the XYZ color 21.4639, 17.2717,

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

21.4639, 17.2717, 14.7729

Protanopia

16.6077, 17.3311, 17.5088

Deuteranopia

17.7673, 17.4950, 14.4970



Tritanopia

21.6154, 17.3324, 15.5708

Trichromacy



Original Color

21.4639, 17.2717, 14.7729

Protanomaly

18.0069, 17.0883, 16.5367

Deuteranomaly

18.9344, 17.2946, 14.6522

Tritanomaly

21.5643, 17.3119, 15.3017

Monochromacy



Original Color

21.4639, 17.2717, 14.7729

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.1734, 17.3083, 17.7122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4639, 17.2717, 14.7729 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(161, 98, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 98, 102) }
```

Border

The CSS property to change the border of an element to XYZ 21.4639, 17.2717, 14.7729 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, 102) }
```


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

```
.border{ border-color:rgb(161, 98, 102) }
```

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, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 98, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 98, 102);  
box-shadow:4px 4px 4px 4px rgb(161, 98,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4639, 17.2717, 14.7729 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, 102) }
```

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

```
.background{ background-color: rgb(161, 98,  
102) }
```

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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