

Converting Colors

XYZ(17.4539, 12.5211, 4.1622)

Have a look what the booklet for
XYZ(17.4539, 12.5211, 4.1622)
contains.

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Color

**XYZ(17.3928, 12.4439,
4.1745)**

Conversions

Conversions Part 1

Format	Color
Hex	A0492F
RGB	160, 73, 47
RGB Percent	63%, 29%, 18%
CMY	0.3726, 0.7137, 0.8157
CMYK	0.00, 0.54, 0.71, 0.37
HSL	14°, 55%, 41%
HSV	14°, 71%, 63%
XYZ	17.3928, 12.4439, 4.1745
YIQ	96.0490, 60.1980, 10.3580

Conversions

Conversions Part 2

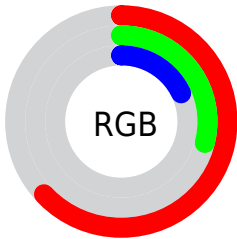
Format	Color
R_{YB}	160, 81, 47
Decimal	10504495
CIE _{Lab}	41.91, 34.24, 32.41
CIE _{LCh}	42, 47.148, 43.428
Yxy	12.4439, 0.5114, 0.3659
Android (android.graphics.Color)	4288694575 (0xFFA0492F)
YUV	96.0490, -24.1812, 56.0850
Hunter-Lab	35.2759, 26.2766, 17.6768

Details

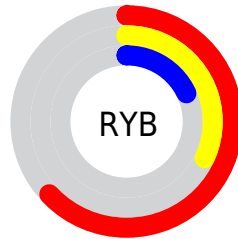
The XYZ color **17.3928, 12.4439, 4.1745** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.0417, 20.1910, 36.3092**, and the grayscale version is **11.1771, 11.7592, 12.8058**.

A 20% lighter version of the original color is **38.4414, 30.2835, 14.4089**, and **5.8999, 3.4964, 0.3639** is the 20% darker color. If you saturate the color by 10%, you get **16.3965, 10.8767, 2.5316**, and if you desaturate by 10%, it is **18.6683, 14.3804, 6.4945**.

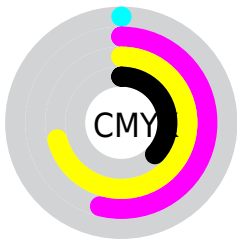
Distribution



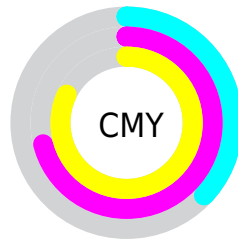
- Red (63%)
- Green (29%)
- Blue (18%)



- Red (63%)
- Yellow (32%)
- Blue (18%)



- Cyan (0%)
- Magenta (54%)
- Yellow (71%)
- Black (37%)





- Cyan (37%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.3928, 12.4439, 4.1745 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 17.3928, 12.4439, 4.1745 by changing the saturation by 10% instead.


 17.3928, 12.4439,
4.1745


 17.3928, 12.4439,
4.1745


230.5383,
207.3223, 150.1456


 10.6120, 7.0468,
1.7216


 38.5382, 30.3010,
14.4102


 5.8719, 3.4914,
0.3754

 53.6334, 43.5298,
23.0301


 2.8073, 1.3933,
0.0000

 72.2308, 60.1379,
34.5427

 1.0527, 0.2118,
0.0000

 94.6958, 80.5098,
49.3666

 0.0000, 0.0000,
0.0000

 121.3937,
105.0297, 67.9203

 152.6898,

134.0822, 90.6223

188.9496,
168.0516, 117.8913

■ 17.3928, 12.4439,
4.1745

■ 17.3928, 12.4439,
4.1745

■ 16.3965, 10.8767,
2.5316

■ 18.6683, 14.3804,
6.4945

■ 15.6555, 9.6523,
1.4899

■ 20.2426, 16.7064,
9.5550

■ 15.1531, 8.7856,
0.8971

■ 22.1342, 19.4428,
13.4128

■ 24.3599, 22.6083,
18.1190

■ 26.9354, 26.2208,
23.7202

■ 29.8751, 30.2969,
30.2600

■ 33.1928, 34.8522,
37.7786

■ 36.9016, 39.9019,
46.3144

■ 41.0136, 45.4603,
55.9033

Harmonies

Analogous

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



19.6170, 12.4439, 9.5631



17.3928, 12.4439, 4.1745



13.8439, 12.4439, 2.2228

Triad

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



17.3928, 12.4439, 4.1745



6.4968, 12.4439, 8.7790



13.4531, 12.4439, 42.1047

Complementary

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



17.3928, 12.4439, 4.1745



16.0417, 20.1910, 36.3092

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.



10.0172, 12.4439, 41.5268



17.3928, 12.4439, 4.1745



6.4332, 12.4439, 18.5129

Square

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



17.3928, 12.4439, 4.1745



7.7928, 12.4439, 3.8439



7.5975, 12.4439, 31.4897



17.0586, 12.4439, 32.8147

Rectangle

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



17.3928, 12.4439, 4.1745



11.4314, 12.4439, 2.0019



7.5975, 12.4439, 31.4897



12.2328, 12.4439, 43.1575

Sweetspot

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



17.3931, 12.4446, 4.1747



48.5189, 47.0681, 42.2154



19.9232, 11.2704, 24.2381



10.3666, 9.9393, 8.6576



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.



17.3931, 12.4446, 4.1747



28.9097, 18.3402, 3.3380



22.7271, 23.1127, 5.9527



6.7508, 6.8816, 6.9581



11.8332, 6.9019, 0.7085



0.2401, 0.1805, 0.0222

Inverse Universe

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



16.0417, 20.1910, 36.3092



26.1361, 32.9834, 65.3755



10.3146, 8.7368, 34.4001



6.6923, 7.2504, 8.4534



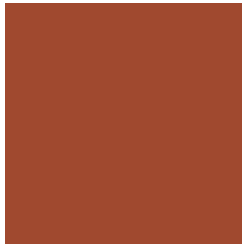
10.5119, 13.1153, 27.8847



0.2172, 0.2930, 0.5083

Previews

White Background



This preview shows how the XYZ color 17.3928, 12.4439, 4.1745 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 17.3928, 12.4439, 4.1745 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 17.3928, 12.4439, 4.1745

Background



This preview shows how black text looks on a background with the XYZ color 17.3928, 12.4439, 4.1745.



This preview shows how white text looks on a background with the XYZ color 17.3928, 12.4439,

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

17.3928, 12.4439, 4.1745

Protanopia

11.5777, 12.6511, 5.5731

Deuteranopia

12.8223, 12.6367, 3.9538



Tritanopia

18.1241, 12.4518, 7.9268

Trichromacy



Original Color

17.3928, 12.4439, 4.1745

Protanomaly

13.2009, 12.1586, 5.0192

Deuteranomaly

14.1793, 12.3166, 4.0129

Tritanomaly

17.8766, 12.4537, 6.3121

Monochromacy



Original Color

17.3928, 12.4439, 4.1745

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.4726, 11.4514, 8.7607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3928, 12.4439, 4.1745 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(160, 73, 47)` looks like.

```
.text, #text, p{  
    color:rgb(160, 73, 47)  
}
```

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(160, 73, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 73, 47) }
```

Border

The CSS property to change the border of an element to XYZ 17.3928, 12.4439, 4.1745 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(160, 73, 47) }
```


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

```
.border{ border-color:rgb(160, 73, 47) }
```

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

Here you see how a box with a 4 pixel rgb(160, 73, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 73, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 73, 47);  
box-shadow:4px 4px 4px 4px rgb(160, 73,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3928, 12.4439, 4.1745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 73, 47) }
```

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

```
.background{ background-color: rgb(160, 73,  
47) }
```

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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