

Converting Colors

XYZ(20.4715, 14.5234, 16.9361)

Have a look what the booklet for
XYZ(20.4715, 14.5234, 16.9361)
contains.

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Color

**XYZ(20.4912, 14.4842,
17.0450)**

Conversions

Conversions Part 1

Format	Color
Hex	A15070
RGB	161, 80, 112
RGB Percent	63%, 31%, 44%
CMY	0.3686, 0.6863, 0.5608
CMYK	0.00, 0.50, 0.30, 0.37
HSL	336°, 34%, 47%
HSV	336°, 50%, 63%
XYZ	20.4912, 14.4842, 17.0450
YIQ	107.8670, 38.0040, 27.1240

Conversions

Conversions Part 2

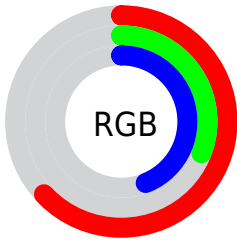
Format	Color
R_{YB}	161, 80, 112
Decimal	10571888
CIE Lab	44.92, 37.23, -2.76
CIE LCh	45, 37.328, 355.766
Yxy	14.4842, 0.3939, 0.2784
Android (android.graphics.Color)	4288761968 (0xFFA15070)
YUV	107.8670, 2.0376, 46.5976
Hunter-Lab	38.0581, 29.5060, 0.0866

Details

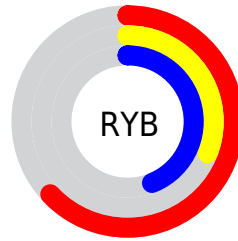
The XYZ color **20.4912, 14.4842, 17.0450** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.0162, 28.7805, 25.2705**, and the grayscale version is **14.2040, 14.9438, 16.2737**.

A 20% lighter version of the original color is **43.8655, 34.0883, 39.3897**, and **7.4531, 4.4245, 5.3117** is the 20% darker color. If you saturate the color by 10%, you get **18.9372, 12.1976, 13.9946**, and if you desaturate by 10%, it is **22.3872, 17.3606, 20.4992**.

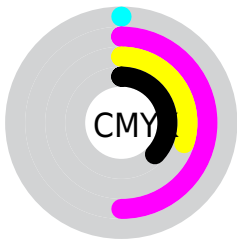
Distribution



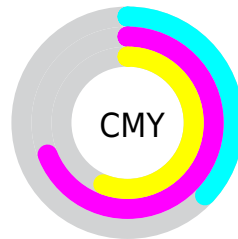
- Red (63%)
- Green (31%)
- Blue (44%)



- Red (63%)
- Yellow (31%)
- Blue (44%)



- Cyan (0%)
- Magenta (50%)
- Yellow (30%)
- Black (37%)



- Cyan (37%)
- Magenta (69%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4912, 14.4842, 17.0450 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 20.4912, 14.4842, 17.0450 by changing the saturation by 10% instead.

■ 20.4912, 14.4842,
17.0450

■ 20.4912, 14.4842,
17.0450

247.3452,
220.2226, 247.4843

■ 12.8629, 8.4582,
10.1043

■ 43.7369, 33.9457,
39.1948

■ 7.4106, 4.3895,
5.3616

■ 60.0850, 48.1501,
55.2410

■ 3.7688, 1.8937,
2.3986

■ 80.0705, 65.8493,
75.1595

■ 1.5722, 0.5446,
0.7857

■ 104.0586, 87.4278,
99.3687

■ 0.3742, 0.0000,
0.0000

■ 132.4148,
113.2700, 128.2873

■ 0.0000, 0.0000,
0.0000

165.5044,

143.7602, 162.3337

203.6928,
179.2830, 201.9265

■ 20.4912, 14.4842,
17.0450

■ 20.4912, 14.4842,
17.0450

■ 18.9372, 12.1976,
13.9946

■ 22.3872, 17.3606,
20.4992

■ 17.7015, 10.4569,
11.3304

■ 24.6441, 20.8624,
24.3718

■ 16.7594, 9.2154,
9.0348

■ 27.2810, 25.0246,
28.6778

■ 16.0814, 8.4176,
7.0876

■ 30.3153, 29.8794,
33.4308

■ 15.6120, 7.9427,
5.5014

■ 33.7630, 35.4566,
38.6441

■ 37.6395, 41.7843,
44.3303

■ 41.9592, 48.8891,
50.5013

■ 46.7360, 56.7964,
57.1689

■ 51.9830, 65.5301,
64.3442

Harmonies

Analogous

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



19.2136, 14.4842, 27.2474



20.4912, 14.4842, 17.0450



19.7600, 14.4842, 9.5326

Triad

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



20.4912, 14.4842, 17.0450



11.3691, 14.4842, 4.9576



10.7210, 14.4842, 34.1567

Complementary

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



20.4912, 14.4842, 17.0450



20.0162, 28.7805, 25.2705

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.



9.1274, 14.4842, 24.2675



20.4912, 14.4842, 17.0450



9.4610, 14.4842, 8.0767

Square

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



20.4912, 14.4842, 17.0450



14.2048, 14.4842, 4.2433



8.7025, 14.4842, 14.5618



13.3379, 14.4842, 39.1847

Rectangle

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



20.4912, 14.4842, 17.0450



18.2820, 14.4842, 6.5306



8.7025, 14.4842, 14.5618



10.0639, 14.4842, 31.1466

Sweetspot

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



20.4916, 14.4849, 17.0453



51.4985, 49.0285, 55.5362



18.2949, 12.9472, 35.2530



11.0624, 10.3820, 11.8152



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.



20.4916, 14.4849, 17.0453



33.7128, 21.5538, 24.6467



19.6444, 15.1529, 9.4797



7.1842, 7.1302, 7.9567



12.4878, 6.3512, 4.4936



0.2853, 0.1426, 0.2150

Inverse Universe

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



20.4916, 14.4849, 17.0453



33.7128, 21.5538, 24.6467



21.1166, 27.0288, 37.8223



7.1842, 7.1302, 7.9567



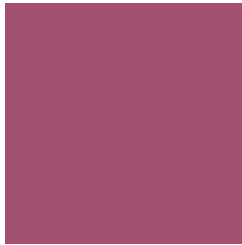
12.4878, 6.3512, 4.4936



0.2853, 0.1426, 0.2150

Previews

White Background



This preview shows how the XYZ color 20.4912, 14.4842, 17.0450 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

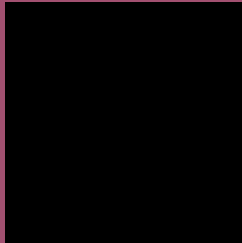
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.4912, 14.4842, 17.0450

Background



This preview shows how black text looks on a background with the XYZ color 20.4912, 14.4842, 17.0450.



This preview shows how white text looks on a background with the XYZ color 20.4912, 14.4842,

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

20.4912, 14.4842, 17.0450

Protanopia

14.5298, 14.6914, 22.4920

Deuteranopia

14.7595, 14.4962, 16.2075



Tritanopia

19.3139, 14.4498, 11.4440

Trichromacy



Original Color

20.4912, 14.4842, 17.0450

Protanomaly

15.9559, 14.1655, 20.3056

Deuteranomaly

16.3682, 14.1941, 16.3450

Tritanomaly

19.7951, 14.5419, 13.3188

Monochromacy



Original Color

20.4912, 14.4842, 17.0450

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.8804, 14.3515, 16.4011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4912, 14.4842, 17.0450 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, 80, 112)` looks like.

```
.text, #text, p{  
    color:rgb(161, 80, 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(161, 80, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 80, 112) }
```

Border

The CSS property to change the border of an element to XYZ 20.4912, 14.4842, 17.0450 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, 80, 112) }
```


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

```
.border{ border-color:rgb(161, 80, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 80, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 80, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 80, 112);  
box-shadow:4px 4px 4px 4px rgb(161, 80,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4912, 14.4842, 17.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 80, 112) }
```

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

```
.background{ background-color: rgb(161, 80,  
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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