

Converting Colors

XYZ(17.3736, 10.5686, 4.1109)

Have a look what the booklet for
XYZ(17.3736, 10.5686, 4.1109)
contains.

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Color

**XYZ(17.4422, 10.6185,
4.1479)**

Conversions

Conversions Part 1

Format	Color
Hex	A63232
RGB	166, 50, 50
RGB Percent	65%, 20%, 20%
CMY	0.3490, 0.8039, 0.8039
CMYK	0.00, 0.70, 0.70, 0.35
HSL	0°, 54%, 42%
HSV	0°, 70%, 65%
XYZ	17.4422, 10.6185, 4.1479
YIQ	84.6840, 69.1360, 24.5920

Conversions

Conversions Part 2

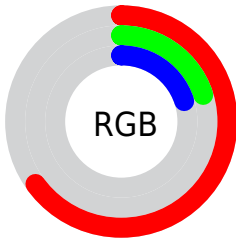
Format	Color
R_{YB}	166, 50, 50
Decimal	10891826
CIE _{Lab}	38.93, 47.37, 27.41
CIE _{LCh}	39, 54.726, 30.059
Yxy	10.6185, 0.5415, 0.3297
Android (android.graphics.Color)	4289081906 (0xFFA63232)
YUV	84.6840, -17.0992, 71.3141
Hunter-Lab	32.5860, 38.5194, 15.2632

Details

The XYZ color **17.4422, 10.6185, 4.1479** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21.8331, 30.7008, 40.8512**, and the grayscale version is **8.5937, 9.0412, 9.8459**.

A 20% lighter version of the original color is **38.7402, 27.0761, 14.2507**, and **6.0908, 3.1368, 0.4280** is the 20% darker color. If you saturate the color by 10%, you get **16.5612, 9.3296, 2.3964**, and if you desaturate by 10%, it is **18.7108, 12.4751, 6.6694**.

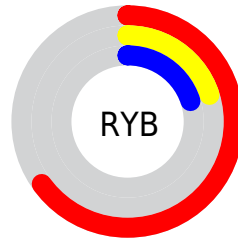
Distribution



Red (65%)

Green (20%)

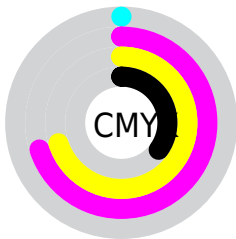
Blue (20%)



Red (65%)

Yellow (20%)

Blue (20%)

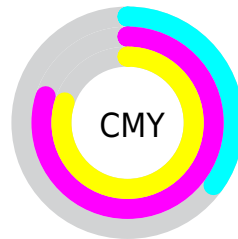


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (35%)



Cyan (35%)


Magenta (80%)


Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4422, 10.6185, 4.1479 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 17.4422, 10.6185, 4.1479 by changing the saturation by 10% instead.


 17.4422, 10.6185,
4.1479


 17.4422, 10.6185,
4.1479


230.8148,
195.0312, 149.8554


 10.6475, 5.8109,
1.7068


 38.6221, 26.9525,
14.3494


 5.8959, 2.7305,
0.3654

 53.7380, 39.2478,
22.9470


 2.8219, 0.9927,
0.0000

 72.3584, 54.8077,
34.4338

 1.0603, 0.0000,
0.0000

 94.8487, 74.0166,
49.2284

 0.0000, 0.0000,
0.0000

 121.5740, 97.2591,
67.7493

 152.9000,

124.9194, 90.4151

189.1918,
157.3820, 117.6442

■ 17.4422, 10.6185,
4.1479

■ 17.4422, 10.6185,
4.1479

■ 16.5612, 9.3296,
2.3964

■ 18.7108, 12.4751,
6.6694

■ 16.0229, 8.5418,
1.3264

■ 20.4039, 14.9526,
10.0350

■ 15.7292, 8.1120,
0.7425

■ 22.5548, 18.1001,
14.3109

■ 15.7259, 8.1072,
0.7360

■ 25.1935, 21.9613,
19.5565

■ 28.3473, 26.5761,
25.8261

■ 32.0415, 31.9818,
33.1700

■ 36.2997, 38.2128,
41.6354

■ 41.1443, 45.3017,
51.2664

■ 46.5962, 53.2793,
62.1048

Harmonies

Analogous

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



18.8331, 10.6185, 11.5411



17.4422, 10.6185, 4.1479



14.0039, 10.6185, 1.4389

Triad

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



17.4422, 10.6185, 4.1479



5.1618, 10.6185, 4.1660



10.0998, 10.6185, 45.4166

Complementary

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



17.4422, 10.6185, 4.1479



21.8331, 30.7008, 40.8512

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.



6.9871, 10.6185, 39.0775



17.4422, 10.6185, 4.1479



4.5872, 10.6185, 11.5824

Square

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



17.4422, 10.6185, 4.1479



6.9773, 10.6185, 1.4441



5.1664, 10.6185, 24.7871



14.0195, 10.6185, 39.0309

Rectangle

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



17.4422, 10.6185, 4.1479



11.3495, 10.6185, 0.9240



5.1664, 10.6185, 24.7871



8.9320, 10.6185, 44.6716

Sweetspot

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



17.4424, 10.6191, 4.1481



50.5213, 46.8774, 45.0299



23.7493, 13.1413, 37.3609



10.9544, 9.9761, 9.3783



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.4424, 10.6191, 4.1481



29.4317, 16.0169, 3.1057



21.6641, 19.0624, 5.5553



7.5312, 7.5424, 7.8482



12.1948, 6.2868, 0.5707



0.2967, 0.1530, 0.0139

Inverse Universe

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



21.8331, 30.7008, 40.8512



37.9197, 54.8394, 74.0618



13.5609, 14.1564, 38.0938



7.7475, 8.5320, 9.6568



15.9101, 23.2804, 31.6305



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 17.4422, 10.6185, 4.1479 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 17.4422, 10.6185, 4.1479

Background



This preview shows how black text looks on a background with the XYZ color 17.4422, 10.6185, 4.1479.



This preview shows how white text looks on a background with the XYZ color 17.4422, 10.6185,

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

17.4422, 10.6185, 4.1479

Protanopia

10.1240, 10.9197, 6.5751

Deuteranopia

10.8652, 10.7313, 3.7842



Tritanopia

17.4863, 10.6361, 4.3802

Trichromacy



Original Color

17.4422, 10.6185, 4.1479

Protanomaly

11.7817, 9.9191, 5.5686

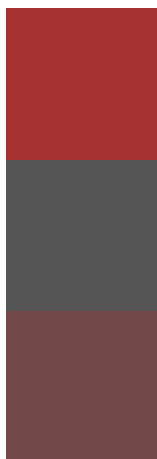
Deuteranomaly

12.6148, 10.0814, 3.8658

Tritanomaly

17.4640, 10.6272, 4.2628

Monochromacy



Original Color

17.4422, 10.6185, 4.1479

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

10.4265, 8.6800, 7.2568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4422, 10.6185, 4.1479 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(166, 50, 50)` looks like.

```
.text, #text, p{  
    color:rgb(166, 50, 50)  
}
```

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(166, 50, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 50, 50) }
```

Border

The CSS property to change the border of an element to XYZ 17.4422, 10.6185, 4.1479 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(166, 50, 50) }
```


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

```
.border{ border-color:rgb(166, 50, 50) }
```

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

Here you see how a box with a 4 pixel rgb(166, 50, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 50, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 50, 50);  
box-shadow:4px 4px 4px 4px rgb(166, 50,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4422, 10.6185, 4.1479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 50, 50) }
```

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

```
.background{ background-color: rgb(166, 50,  
50) }
```

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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