

Converting Colors

XYZ(17.1826, 10.2359, 3.8590)

Have a look what the booklet for
XYZ(17.1826, 10.2359, 3.8590)
contains.

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Color

**XYZ(17.2364, 10.2744,
3.8710)**

Conversions

Conversions Part 1

Format	Color
Hex	A62E30
RGB	166, 46, 48
RGB Percent	65%, 18%, 19%
CMY	0.3490, 0.8196, 0.8118
CMYK	0.00, 0.72, 0.71, 0.35
HSL	359°, 57%, 42%
HSV	359°, 72%, 65%
XYZ	17.2364, 10.2744, 3.8710
YIQ	82.1080, 70.8780, 26.0620

Conversions

Conversions Part 2

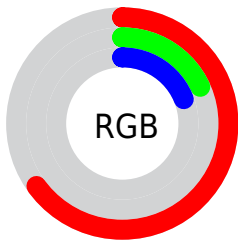
Format	Color
R_{YB}	166, 46, 48
Decimal	10890800
CIE _{Lab}	38.33, 48.83, 27.91
CIE _{LCh}	38, 56.243, 29.751
Yxy	10.2744, 0.5492, 0.3274
Android (android.graphics.Color)	4289080880 (0xFFA62E30)
YUV	82.1080, -16.8152, 73.5733
Hunter-Lab	32.0537, 39.8917, 15.2774

Details

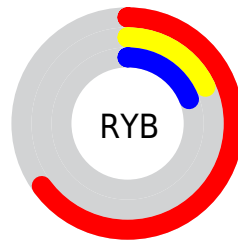
The XYZ color **17.2364, 10.2744, 3.8710** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21.4648, 30.5339, 39.8879**, and the grayscale version is **8.0651, 8.4851, 9.2403**.

A 20% lighter version of the original color is **38.2561, 26.2534, 13.6408**, and **6.0744, 3.1302, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **16.4316, 9.1084, 2.2356**, and if you desaturate by 10%, it is **18.4164, 11.9926, 6.2433**.

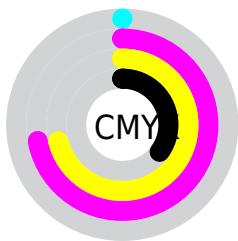
Distribution



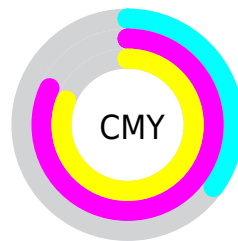
- Red (65%)
- Green (18%)
- Blue (19%)



- Red (65%)
- Yellow (18%)
- Blue (19%)



- Cyan (0%)
- Magenta (72%)
- Yellow (71%)
- Black (35%)





- Cyan (35%)
- Magenta (82%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2364, 10.2744, 3.8710 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 17.2364, 10.2744, 3.8710 by changing the saturation by 10% instead.


 17.2364, 10.2744,
3.8710


 17.2364, 10.2744,
3.8710


229.6608,
192.6194, 146.7806


 10.4995, 5.5813,
1.5548


 38.2722, 26.3104,
13.7111

 5.7962, 2.5922,
0.2583

 53.3018, 38.4220,
22.0722


 2.7610, 0.9227,
0.0000

 71.8263, 53.7752,
33.2853

 1.0287, 0.0000,
0.0000

 94.2112, 72.7544,
47.7690

 0.0000, 0.0000,
0.0000

 120.8217, 95.7441,
65.9419

 152.0232,

123.1286, 88.2224

188.1811,
155.2922, 115.0291

■ 17.2364, 10.2744,
3.8710

■ 17.2364, 10.2744,
3.8710

■ 16.4316, 9.1084,
2.2356

■ 18.4164, 11.9926,
6.2433

■ 15.9560, 8.4254,
1.2505

■ 20.0089, 14.3179,
9.4248

■ 15.7409, 8.1130,
0.8155

■ 22.0476, 17.3003,
13.4801

■ 24.5626, 20.9846,
18.4667

■ 27.5811, 25.4112,
24.4376

■ 31.1286, 30.6178,
31.4416

■ 35.2286, 36.6393,
39.5243

■ 39.9033, 43.5086,
48.7285

■ 45.1738, 51.2568,
59.0949

Harmonies

Analogous

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



18.6266, 10.2744, 11.2748



17.2364, 10.2744, 3.8710



13.7561, 10.2744, 1.2475

Triad

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



17.2364, 10.2744, 3.8710



4.8612, 10.2744, 3.7968



9.7350, 10.2744, 45.8578

Complementary

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



17.2364, 10.2744, 3.8710



21.4648, 30.5339, 39.8879

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.



6.6326, 10.2744, 39.1838



17.2364, 10.2744, 3.8710



4.2840, 10.2744, 11.0998

Square

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



17.2364, 10.2744, 3.8710



6.6736, 10.2744, 1.2274



4.8421, 10.2744, 24.4618



13.6897, 10.2744, 39.3860

Rectangle

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



17.2364, 10.2744, 3.8710



11.0716, 10.2744, 0.7510



4.8421, 10.2744, 24.4618



8.5664, 10.2744, 45.0397

Sweetspot

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



17.2366, 10.2750, 3.8712



49.9832, 46.0104, 44.2056



23.1700, 12.6003, 37.2871



10.8482, 9.8018, 9.2261



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.



17.2366, 10.2750, 3.8712



29.2119, 15.6529, 2.7994



21.1698, 18.2057, 4.9839



7.5360, 7.5442, 7.8737



12.2081, 6.2920, 0.6415



0.2986, 0.1537, 0.0237

Inverse Universe

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



17.2366, 10.2750, 3.8712



29.2119, 15.6529, 2.7994



13.3730, 14.0601, 38.0852



7.5360, 7.5442, 7.8737



12.2081, 6.2920, 0.6415



0.2986, 0.1537, 0.0237

Previews

White Background



This preview shows how the XYZ color 17.2364, 10.2744, 3.8710 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 17.2364, 10.2744, 3.8710

Background



This preview shows how black text looks on a background with the XYZ color 17.2364, 10.2744, 3.8710.



This preview shows how white text looks on a background with the XYZ color 17.2364, 10.2744,

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

17.2364, 10.2744, 3.8710

Protanopia

9.8121, 10.5050, 6.3610

Deuteranopia

10.6185, 10.4872, 3.5624



Tritanopia

17.2364, 10.2744, 3.8710

Trichromacy



Original Color

17.2364, 10.2744, 3.8710

Protanomaly

11.4482, 9.5486, 5.2427

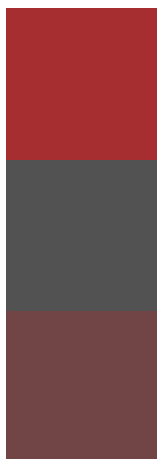
Deuteranomaly

12.2877, 9.7221, 3.6118

Tritanomaly

17.2364, 10.2744, 3.8710

Monochromacy



Original Color

17.2364, 10.2744, 3.8710

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

10.0437, 8.2092, 6.8495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2364, 10.2744, 3.8710 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, 46, 48)` looks like.

```
.text, #text, p{  
    color:rgb(166, 46, 48)  
}
```

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, 46, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 46, 48) }
```

Border

The CSS property to change the border of an element to XYZ 17.2364, 10.2744, 3.8710 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, 46, 48) }
```


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

```
.border{ border-color:rgb(166, 46, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 46, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 46, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 46, 48);  
box-shadow:4px 4px 4px 4px rgb(166, 46,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2364, 10.2744, 3.8710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 46, 48) }
```

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

```
.background{ background-color: rgb(166, 46,  
48) }
```

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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