

Converting Colors

XYZ(22.5931, 17.4357, 11.8364)

Have a look what the booklet for
XYZ(22.5931, 17.4357, 11.8364)
contains.

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Color

**XYZ(22.6428, 17.4015,
11.8383)**

Conversions

Conversions Part 1

Format	Color
Hex	AB5E5A
RGB	171, 94, 90
RGB Percent	67%, 37%, 35%
CMY	0.3294, 0.6314, 0.6471
CMYK	0.00, 0.45, 0.47, 0.33
HSL	3°, 33%, 51%
HSV	3°, 47%, 67%
XYZ	22.6428, 17.4015, 11.8383
YIQ	116.5670, 47.1760, 15.0800

Conversions

Conversions Part 2

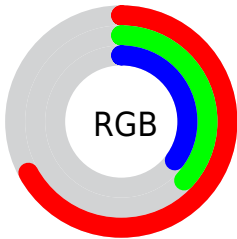
Format	Color
R _Y B	171, 94, 90
Decimal	11230810
CIE Lab	48.76, 30.81, 16.20
CIE LCh	49, 34.810, 27.738
Yxy	17.4015, 0.4364, 0.3354
Android (android.graphics.Color)	4289420890 (0xFFAB5E5A)
YUV	116.5670, -13.0975, 47.7377
Hunter-Lab	41.7151, 23.8877, 12.3747

Details

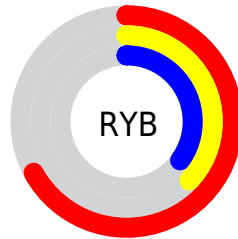
The XYZ color **22.6428, 17.4015, 11.8383** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.3853, 32.7501, 43.5116**, and the grayscale version is **16.8041, 17.6792, 19.2527**.

A 20% lighter version of the original color is **47.3256, 39.1092, 29.8654**, and **8.4632, 5.7035, 3.0377** is the 20% darker color. If you saturate the color by 10%, you get **20.7006, 14.5510, 8.0037**, and if you desaturate by 10%, it is **25.0577, 20.9295, 16.6569**.

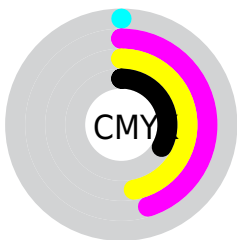
Distribution



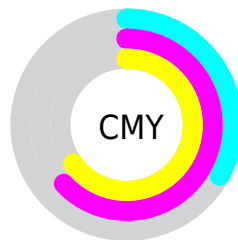
- Red (67%)
- Green (37%)
- Blue (35%)



- Red (67%)
- Yellow (37%)
- Blue (35%)



- Cyan (0%)
- Magenta (45%)
- Yellow (47%)
- Black (33%)



- Cyan (33%)
- Magenta (63%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6428, 17.4015, 11.8383 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 22.6428, 17.4015, 11.8383 by changing the saturation by 10% instead.

■ 22.6428, 17.4015,
11.8383

■ 22.6428, 17.4015,
11.8383

258.4547,
237.4756, 214.2716

■ 14.4492, 10.5212,
6.5125

■ 47.2771, 39.0148,
29.8602

■ 8.5175, 5.7459,
3.0853

■ 64.4486, 54.5166,
43.3934

■ 4.4824, 2.6912,
1.1384

■ 85.3434, 73.6609,
60.4995

■ 1.9785, 0.9727,
0.0000

■ 110.3268, 96.8323,
81.5969

■ 0.6219, 0.0000,
0.0000

139.7644,
124.4151, 107.1043

■ 0.0000, 0.0000,
0.0000

174.0213,

156.7936, 137.4402

213.4629,
194.3523, 173.0231

■ 22.6428, 17.4015,
11.8383

■ 22.6428, 17.4015,
11.8383

■ 20.7006, 14.5510,
8.0037

■ 25.0577, 20.9295,
16.6569

■ 19.1989, 12.3321,
5.0843

■ 27.9722, 25.1718,
22.5198

■ 18.1035, 10.6976,
3.0043


■ 31.4126, 30.1656,
29.4838


■ 17.3746, 9.5924,
1.6748


■ 35.4030, 35.9448,
37.6011


■ 16.9598, 8.9488,
0.9627


■ 39.9660, 42.5413,
46.9207

 16.8864, 8.8414,
0.8166

 45.1231, 49.9850,
57.4888

 50.8945, 58.3046,
69.3491

 57.2994, 67.5273,
82.5432

 64.3565, 77.6791,
97.1108

Harmonies

Analogous

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



23.5248, 17.4015, 19.6552



22.6428, 17.4015, 11.8383



20.0672, 17.4015, 7.5656

Triad

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



22.6428, 17.4015, 11.8383



11.8396, 17.4015, 10.9750



16.2966, 17.4015, 42.7429

Complementary

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



22.6428, 17.4015, 11.8383



25.3853, 32.7501, 43.5116

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.



13.4517, 17.4015, 38.2299



22.6428, 17.4015, 11.8383



11.0953, 17.4015, 18.2566

Square

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



22.6428, 17.4015, 11.8383



13.8236, 17.4015, 7.1927



11.6453, 17.4015, 28.4498



19.5899, 17.4015, 39.3574

Rectangle

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



22.6428, 17.4015, 11.8383



17.8888, 17.4015, 6.3704



11.6453, 17.4015, 28.4498



15.2600, 17.4015, 42.0749

Sweetspot

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



22.6432, 17.4024, 11.8386



58.3806, 57.1010, 57.1143



27.5467, 18.8088, 39.3712



12.6978, 12.2681, 12.0839



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



22.6432, 17.4024, 11.8386



36.8785, 25.7727, 13.9519



27.0551, 26.2262, 13.3093



8.0358, 8.0765, 8.3488



12.7414, 6.6882, 0.6194



0.3645, 0.2062, 0.0206

Inverse Universe

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



25.3853, 32.7501, 43.5116



42.3786, 56.6267, 77.6983



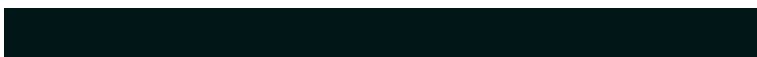
19.2604, 20.5003, 41.4700



8.2019, 9.0032, 10.2582



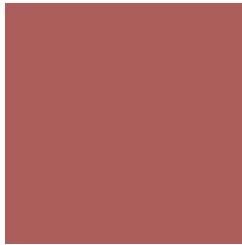
15.3658, 21.8654, 32.4551



0.4376, 0.6285, 0.9062

Previews

White Background



This preview shows how the XYZ color 22.6428, 17.4015, 11.8383 looks on a white background.

Color Contrast Check

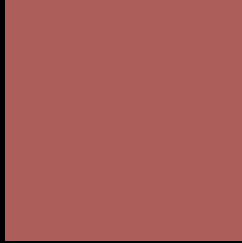
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6428, 17.4015, 11.8383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

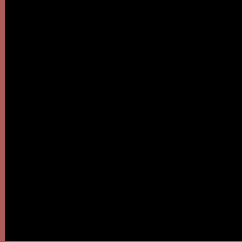
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.6428, 17.4015, 11.8383

Background



This preview shows how black text looks on a background with the XYZ color 22.6428, 17.4015, 11.8383.

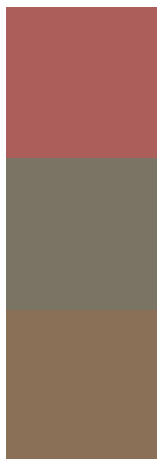


This preview shows how white text looks on a background with the XYZ color 22.6428, 17.4015,

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

22.6428, 17.4015, 11.8383

Protanopia

16.5717, 17.5485, 14.5704

Deuteranopia

17.8310, 17.5948, 11.4732



Tritanopia

23.1797, 17.5002, 13.9606

Trichromacy



Original Color

22.6428, 17.4015, 11.8383

Protanomaly

18.2891, 17.1451, 13.4117

Deuteranomaly

19.2075, 17.1973, 11.5396

Tritanomaly

23.0389, 17.4439, 13.2191

Monochromacy



Original Color

22.6428, 17.4015, 11.8383

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.4390, 17.3172, 16.2806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6428, 17.4015, 11.8383 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(171, 94, 90)` looks like.

```
.text, #text, p{  
    color:rgb(171, 94, 90)  
}
```

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(171, 94, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 94, 90) }
```

Border

The CSS property to change the border of an element to XYZ 22.6428, 17.4015, 11.8383 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(171, 94, 90) }
```


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

```
.border{ border-color:rgb(171, 94, 90) }
```

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

Here you see how a box with a 4 pixel rgb(171, 94, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 94, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 94, 90);  
box-shadow:4px 4px 4px 4px rgb(171, 94,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6428, 17.4015, 11.8383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 94, 90) }
```

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

```
.background{ background-color: rgb(171, 94,  
90) }
```

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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