

Converting Colors

XYZ(17.1187, 10.4894, 2.6976)

Have a look what the booklet for
XYZ(17.1187, 10.4894, 2.6976)
contains.

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Color

**XYZ(17.1699, 10.5095,
2.7137)**

Conversions

Conversions Part 1

Format	Color
Hex	A63223
RGB	166, 50, 35
RGB Percent	65%, 20%, 14%
CMY	0.3490, 0.8039, 0.8627
CMYK	0.00, 0.70, 0.79, 0.35
HSL	7°, 65%, 39%
HSV	7°, 79%, 65%
XYZ	17.1699, 10.5095, 2.7137
YIQ	82.9740, 73.9510, 19.9270

Conversions

Conversions Part 2

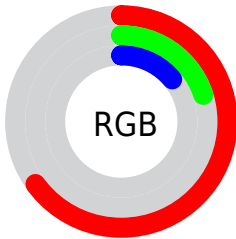
Format	Color
RYB	166, 52, 35
Decimal	10891811
CIELab	38.74, 46.69, 35.96
CIELCh	39, 58.936, 37.603
Yxy	10.5095, 0.5649, 0.3458
Android (android.graphics.Color)	4289081891 (0xFFA63223)
YUV	82.9740, -23.6512, 72.8138
Hunter-Lab	32.4184, 37.8077, 17.7298

Details

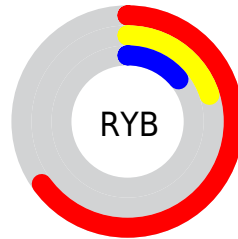
The XYZ color **17.1699, 10.5095, 2.7137** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.6417, 25.2417, 39.9659**, and the grayscale version is **8.2532, 8.6831, 9.4558**.

A 20% lighter version of the original color is **38.0140, 26.6255, 10.9203**, and **5.9439, 3.0642, 0.2782** is the 20% darker color. If you saturate the color by 10%, you get **16.4485, 9.3723, 1.5317**, and if you desaturate by 10%, it is **18.2102, 12.0982, 4.5773**.

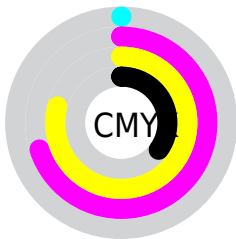
Distribution



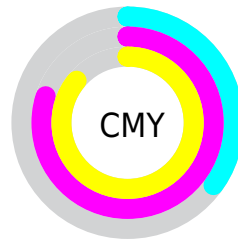
- Red (65%)
- Green (20%)
- Blue (14%)



- Red (65%)
- Yellow (20%)
- Blue (14%)



- Cyan (0%)
- Magenta (70%)
- Yellow (79%)
- Black (35%)





- Cyan (35%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1699, 10.5095, 2.7137 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 17.1699, 10.5095, 2.7137 by changing the saturation by 10% instead.


 17.1699, 10.5095,
2.7137


 17.1699, 10.5095,
2.7137


229.2868,
194.2708, 132.6263


 10.4518, 5.7381,
0.9503


 38.1589, 26.7495,
10.9134


 5.7641, 2.6865,
0.0000

 53.1605, 38.9869,
18.1869


 2.7414, 0.9703,
0.0000

 71.6540, 54.4816,
28.1341

 1.0185, 0.0000,
0.0000

 94.0047, 73.6183,
41.1737

 0.0000, 0.0000,
0.0000

 120.5780, 96.7811,
57.7242

 151.7392,

124.3545, 78.2041

187.8536,
156.7229, 103.0319

17.1699, 10.5095,
2.7137

17.1699, 10.5095,
2.7137

16.4485, 9.3723,
1.5317

18.2102, 12.0982,
4.5773

15.9968, 8.6330,
0.8749

19.6006, 14.1772,
7.2044

15.9590, 8.5732,
0.8137

21.3694, 16.7833,
10.6661

23.5419, 19.9492,
15.0249

26.1409, 23.7051,
20.3375

■ 29.1878, 28.0787,
26.6559

■ 32.7023, 33.0963,
34.0283

■ 36.7030, 38.7824,
42.4998

■ 41.2077, 45.1605,
52.1129

Harmonies

Analogous

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



19.3966, 10.5095, 8.8347



17.1699, 10.5095, 2.7137



13.1209, 10.5095, 0.8603

Triad

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



17.1699, 10.5095, 2.7137



4.5437, 10.5095, 5.0645



11.0124, 10.5095, 48.5559

Complementary

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



17.1699, 10.5095, 2.7137



18.6417, 25.2417, 39.9659

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.



7.3998, 10.5095, 44.9070



17.1699, 10.5095, 2.7137



4.2550, 10.5095, 14.5201

Square

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



17.1699, 10.5095, 2.7137



6.0824, 10.5095, 1.4762



5.1550, 10.5095, 30.1402



15.2877, 10.5095, 38.2137

Rectangle

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



17.1699, 10.5095, 2.7137



10.3053, 10.5095, 0.5531



5.1550, 10.5095, 30.1402



9.6792, 10.5095, 49.0021

Sweetspot

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



17.1701, 10.5101, 2.7139



49.8122, 46.4287, 41.8048



22.0684, 11.6057, 31.1707



10.7360, 9.7991, 8.5054



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.



17.1701, 10.5101, 2.7139



29.1847, 15.9057, 1.8436



22.0016, 20.1730, 4.3243



7.5978, 7.6756, 7.8704



12.3942, 6.6857, 0.6372



0.3221, 0.2037, 0.0223

Inverse Universe

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



18.6417, 25.2417, 39.9659



31.7337, 43.2787, 72.1564



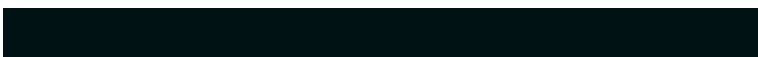
11.0168, 9.9919, 37.4243



7.6731, 8.3831, 9.6320



13.4480, 18.3563, 30.8098



0.3472, 0.4866, 0.7563

Previews

White Background



This preview shows how the XYZ color 17.1699, 10.5095, 2.7137 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 17.1699, 10.5095, 2.7137

Background



This preview shows how black text looks on a background with the XYZ color 17.1699, 10.5095, 2.7137.



This preview shows how white text looks on a background with the XYZ color 17.1699, 10.5095,

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

17.1699, 10.5095, 2.7137

Protanopia

9.8197, 10.6843, 4.2340

Deuteranopia

10.8677, 10.7626, 2.4243



Tritanopia

17.3586, 10.4512, 4.1200

Trichromacy



Original Color

17.1699, 10.5095, 2.7137

Protanomaly

11.5474, 9.8421, 3.5766

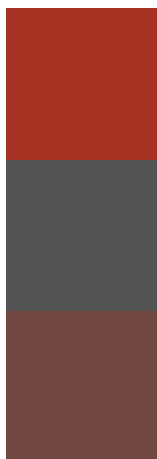
Deuteranomaly

12.5021, 10.0546, 2.4442

Tritanomaly

17.2979, 10.4931, 3.5963

Monochromacy



Original Color

17.1699, 10.5095, 2.7137

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

10.0467, 8.4105, 6.2481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1699, 10.5095, 2.7137 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, 35)` looks like.

```
.text, #text, p{  
    color:rgb(166, 50, 35)  
}
```

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, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 50, 35) }
```

Border

The CSS property to change the border of an element to XYZ 17.1699, 10.5095, 2.7137 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, 35) }
```


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

```
.border{ border-color:rgb(166, 50, 35) }
```

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, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 50, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 50, 35);  
box-shadow:4px 4px 4px 4px rgb(166, 50,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1699, 10.5095, 2.7137 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, 35) }
```

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

```
.background{ background-color: rgb(166, 50,  
35) }
```

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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