

Converting Colors

XYZ(17.0434, 11.6394, 1.4317)

Have a look what the booklet for
XYZ(17.0434, 11.6394, 1.4317)
contains.

XYZ(17.0689, 11.6895, 1.4428)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.0689, 11.6895,
1.4428)**

Conversions

Conversions Part 1

Format	Color
Hex	A34203
RGB	163, 66, 3
RGB Percent	64%, 26%, 1%
CMY	0.3608, 0.7412, 0.9882
CMYK	0.00, 0.60, 0.98, 0.36
HSL	24°, 96%, 33%
HSV	24°, 98%, 64%
XYZ	17.0689, 11.6895, 1.4428
YIQ	87.8210, 78.0350, 0.9710

Conversions

Conversions Part 2

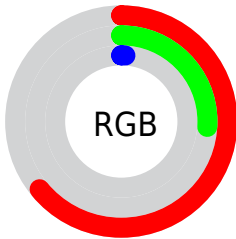
Format	Color
R_{YB}	163, 107, 3
Decimal	10699267
CIE _{Lab}	40.72, 37.62, 50.46
CIE _{LCh}	41, 62.941, 53.297
Yxy	11.6895, 0.5652, 0.3871
Android (android.graphics.Color)	4288889347 (0xFFA34203)
YUV	87.8210, -41.8168, 65.9320
Hunter-Lab	34.1899, 29.2816, 21.4309

Details

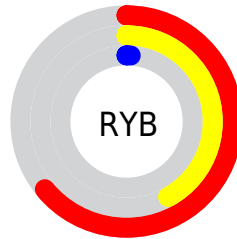
The XYZ color **17.0689, 11.6895, 1.4428** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.2051, 11.7772, 36.3327**, and the grayscale version is **9.3136, 9.7986, 10.6707**.

A 20% lighter version of the original color is **37.8403, 28.8653, 7.4480**, and **5.7374, 3.1714, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **16.9480, 11.4743, 1.3215**, and if you desaturate by 10%, it is **17.8010, 12.9879, 2.1984**.

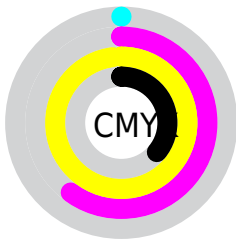
Distribution



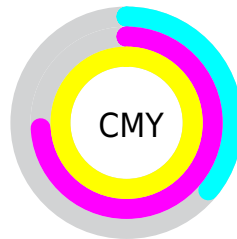
- Red (64%)
- Green (26%)
- Blue (1%)



- Red (64%)
- Yellow (42%)
- Blue (1%)



- Cyan (0%)
- Magenta (60%)
- Yellow (98%)
- Black (36%)





- Cyan (36%)
- Magenta (74%)
- Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0689, 11.6895, 1.4428 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 17.0689, 11.6895, 1.4428 by changing the saturation by 10% instead.


 17.0689, 11.6895,
1.4428


 17.0689, 11.6895,
1.4428


 228.7176,
202.3387, 113.0169


 10.3792, 6.5326,
0.1748


 37.9869, 28.9283,
7.4523


 5.7153, 3.1716,
0.0000

 52.9459, 41.7790,
13.2267

 2.7118, 1.2219,
0.0000

 71.3920, 57.9632,
21.4057

 1.0032, 0.0795,
0.0000


 93.6907, 77.8651,
32.4077


 0.0000, 0.0000,
0.0000


 120.2072,
101.8692, 46.6513


 151.3070,


130.3599, 64.5550


 187.3553,
163.7216, 86.5373


 17.0689, 11.6895,
1.4428


 17.0689, 11.6895,
1.4428


 16.9480, 11.4743,
1.3215

 17.8010, 12.9879,
2.1984

 18.7259, 14.5301,
3.4550

 19.8728, 16.3355,
5.3429

 21.2596, 18.4180,
7.9357

 22.9020, 20.7902,
11.2968

■ 24.8143, 23.4639,
15.4822

■ 27.0095, 26.4501,
20.5428

■ 29.4997, 29.7592,
26.5253

■ 32.2962, 33.4009,
33.4731

Harmonies

Analogous

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



21.0028, 11.6895, 5.2723



17.0689, 11.6895, 1.4428



12.1425, 11.6895, 0.5378

Triad

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



17.0689, 11.6895, 1.4428



4.5813, 11.6895, 10.0695



14.8618, 11.6895, 51.2736

Complementary

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



17.0689, 11.6895, 1.4428



11.2051, 11.7772, 36.3327

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.



10.1387, 11.6895, 56.0634



17.0689, 11.6895, 1.4428



4.9457, 11.6895, 25.1321

Square

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



17.0689, 11.6895, 1.4428



5.5529, 11.6895, 2.9653



6.7305, 11.6895, 44.3487



19.5084, 11.6895, 33.7910

Rectangle

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



17.0689, 11.6895, 1.4428



9.2513, 11.6895, 0.6257



6.7305, 11.6895, 44.3487



13.2034, 11.6895, 54.7546

Sweetspot

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



17.0692, 11.6902, 1.4430



47.7989, 46.5987, 35.4441



17.5185, 8.8044, 13.2601



10.3684, 9.9685, 7.1085



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.0692, 11.6902, 1.4430



30.1702, 20.1843, 2.3058



25.1444, 27.8406, 4.1347



7.2919, 7.5222, 7.4477



13.2136, 9.0012, 1.0410



0.3230, 0.2797, 0.0370

Inverse Universe

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



11.2051, 11.7772, 36.3327



19.5988, 20.2542, 64.9326



6.9290, 3.2249, 34.9074



7.0409, 7.5407, 8.9875



8.6370, 9.0533, 28.2220



0.2256, 0.2784, 0.6077

Previews

White Background



This preview shows how the XYZ color 17.0689, 11.6895, 1.4428 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 17.0689, 11.6895, 1.4428 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 17.0689, 11.6895, 1.4428

Background



This preview shows how black text looks on a background with the XYZ color 17.0689, 11.6895, 1.4428.



This preview shows how white text looks on a background with the XYZ color 17.0689, 11.6895,

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

17.0689, 11.6895, 1.4428

Protanopia

10.6749, 11.8380, 2.2125

Deuteranopia

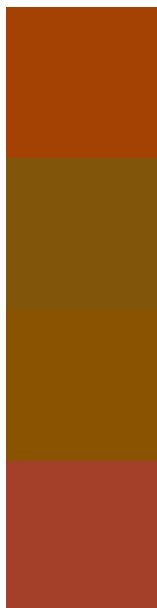
11.8532, 11.7919, 1.6513



Tritanopia

18.1399, 11.7185, 6.3068

Trichromacy



Original Color

17.0689, 11.6895, 1.4428

Protanomaly

12.4415, 11.3469, 1.8510

Deuteranomaly

13.4153, 11.5071, 1.5427

Tritanomaly

17.5053, 11.6147, 3.5097

Monochromacy



Original Color

17.0689, 11.6895, 1.4428

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.6774, 9.6776, 5.1761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0689, 11.6895, 1.4428 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(163, 66, 3)` looks like.

```
.text, #text, p{  
    color:rgb(163, 66, 3)  
}
```

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(163, 66, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 66, 3) }
```

Border

The CSS property to change the border of an element to XYZ 17.0689, 11.6895, 1.4428 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(163, 66, 3) }
```


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

```
.border{ border-color:rgb(163, 66, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 66, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 66, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 66, 3);  
box-shadow:4px 4px 4px 4px rgb(163, 66, 3)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.0689, 11.6895, 1.4428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 66, 3) }
```

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

```
.background{ background-color: rgb(163, 66,  
3) }
```

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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