

Converting Colors

XYZ(15.8332, 17.9891, 2.6377)

Have a look what the booklet for
XYZ(15.8332, 17.9891, 2.6377)
contains.

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Color

**XYZ(15.8027, 17.9395,
2.6298)**

Conversions

Conversions Part 1

Format	Color
Hex	827700
RGB	130, 119, 0
RGB Percent	51%, 47%, 0%
CMY	0.4902, 0.5333, 1.0000
CMYK	0.00, 0.08, 1.00, 0.49
HSL	55°, 100%, 25%
HSV	55°, 100%, 51%
XYZ	15.8027, 17.9395, 2.6298
YIQ	108.7230, 44.7550, -34.6770

Conversions

Conversions Part 2

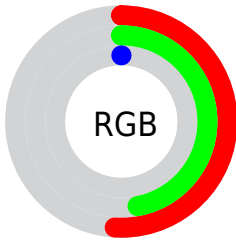
Format	Color
R _Y B	12, 130, 0
Decimal	8550144
CIE Lab	49.42, -7.06, 54.99
CIE LCh	49, 55.437, 97.313
Yxy	17.9395, 0.4345, 0.4932
Android (android.graphics.Color)	4286740224 (0xFF827700)
YUV	108.7230, -53.6004, 18.6599
Hunter-Lab	42.3550, -7.5228, 25.9673

Details

The XYZ color **15.8027, 17.9395, 2.6298** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.1490, 1.8512, 21.2574**, and the grayscale version is **14.5961, 15.3562, 16.7229**.

A 20% lighter version of the original color is **35.7380, 39.9351, 10.6751**, and **5.3138, 6.0843, 0.8943** is the 20% darker color. If you saturate the color by 10%, you get **15.8030, 17.9402, 2.6299**, and if you desaturate by 10%, it is **16.0074, 18.2327, 3.0566**.

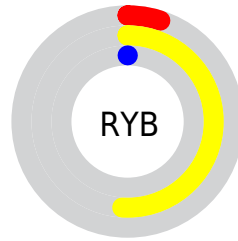
Distribution



Red (51%)

Green (47%)

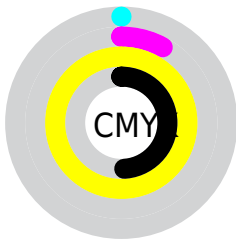
Blue (0%)



Red (5%)

Yellow (51%)

Blue (0%)

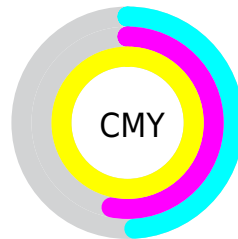


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8027, 17.9395, 2.6298 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 15.8027, 17.9395, 2.6298 by changing the saturation by 10% instead.

15.8027, 17.9395,
2.6298

15.8027, 17.9395,
2.6298

221.4680,
240.5298, 131.4962

9.4746, 10.9066,
0.9078

35.8156, 39.9342,
10.7004

5.1116, 6.0040,
0.0000

50.2310, 55.6648,
17.8872

2.3483, 2.8475,
0.0000

68.0730, 75.0633,
27.7330

0.8192, 1.0527,
0.0000

89.7069, 98.5143,
40.6563

0.0000, 0.0000,
0.0000

115.4979,
126.4020, 57.0758

145.8116,

159.1109, 77.4099

181.0132,
197.0254, 102.0772

15.8027, 17.9395,
2.6298

15.8027, 17.9395,
2.6298

15.8030, 17.9402,
2.6299

16.0074, 18.2327,
3.0566

16.2544, 18.5445,
3.7005

16.5689, 18.8858,
4.6922

16.9587, 19.2597,
6.0734

17.4308, 19.6689,
7.8800

■ 17.9912, 20.1159,
10.1437

■ 18.6452, 20.6028,
12.8933

■ 19.3980, 21.1317,
16.1551

■ 20.2542, 21.7045,
19.9538

Harmonies

Analogous

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



21.2311, 17.9395, 3.1892



15.8027, 17.9395, 2.6298



11.6528, 17.9395, 4.4144

Triad

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



15.8027, 17.9395, 2.6298



10.2384, 17.9395, 42.7078



28.1135, 17.9395, 32.8797

Complementary

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



15.8027, 17.9395, 2.6298



4.1490, 1.8512, 21.2574

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.



23.9019, 17.9395, 52.5585



15.8027, 17.9395, 2.6298



13.4590, 17.9395, 59.9741

Square

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



15.8027, 17.9395, 2.6298



8.8952, 17.9395, 23.4331



18.3633, 17.9395, 64.2861



29.0965, 17.9395, 16.0917

Rectangle

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



15.8027, 17.9395, 2.6298



9.9106, 17.9395, 7.7427



18.3633, 17.9395, 64.2861



26.9920, 17.9395, 39.5797

Sweetspot

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



15.8031, 17.9404, 2.6302



32.7519, 36.2227, 22.3459



9.2785, 4.7750, 0.8137



7.3184, 8.1293, 4.6557



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.8031, 17.9404, 2.6302



27.7787, 31.4904, 4.6142



11.1246, 17.5848, 2.8081



4.6352, 4.9592, 4.6330



15.1553, 17.2069, 2.5225



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.1490, 1.8512, 21.2574



7.2561, 3.1588, 37.4198



5.4457, 2.3420, 21.2838



4.1359, 4.2657, 5.4187



3.9807, 1.7798, 20.3837



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.8027, 17.9395, 2.6298 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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.8027, 17.9395, 2.6298

Background



This preview shows how black text looks on a background with the XYZ color 15.8027, 17.9395, 2.6298.



This preview shows how white text looks on a background with the XYZ color 15.8027, 17.9395,

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

15.8027, 17.9395, 2.6298

Protanopia

16.1513, 17.9434, 2.6122

Deuteranopia

18.2821, 18.0153, 3.0039



Tritanopia

19.3307, 18.0192, 19.9120

Trichromacy



Original Color

15.8027, 17.9395, 2.6298

Protanomaly

15.9942, 17.8624, 2.6048

Deuteranomaly

17.3408, 18.0342, 2.8541

Tritanomaly

17.1533, 17.6248, 9.3353

Monochromacy



Original Color

15.8027, 17.9395, 2.6298

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.3154, 16.0218, 7.9682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8027, 17.9395, 2.6298 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(130, 119, 0)` looks like.

```
.text, #text, p{  
    color:rgb(130, 119, 0)  
}
```

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(130, 119, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 119, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.8027, 17.9395, 2.6298 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(130, 119, 0) }
```


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

```
.border{ border-color:rgb(130, 119, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 119, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 119, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 119, 0);  
box-shadow:4px 4px 4px 4px rgb(130, 119,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8027, 17.9395, 2.6298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 119, 0) }
```

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

```
.background{ background-color: rgb(130,  
119, 0) }
```

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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