

Converting Colors

XYZ(10.0891, 8.6230, 1.2097)

Have a look what the booklet for
XYZ(10.0891, 8.6230, 1.2097)
contains.

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Color

**XYZ(10.0795, 8.6344,
1.2215)**

Conversions

Conversions Part 1

Format	Color
Hex	784803
RGB	120, 72, 3
RGB Percent	47%, 28%, 1%
CMY	0.5294, 0.7176, 0.9882
CMYK	0.00, 0.40, 0.97, 0.53
HSL	35°, 95%, 24%
HSV	35°, 97%, 47%
XYZ	10.0795, 8.6344, 1.2215
YIQ	78.4860, 50.7570, -11.2830

Conversions

Conversions Part 2

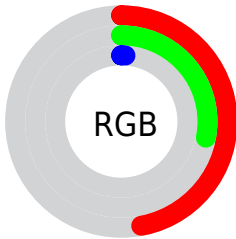
Format	Color
RYB	84, 120, 3
Decimal	7882755
CIELab	35.27, 15.67, 43.63
CIELCh	35, 46.355, 70.239
Yxy	8.6344, 0.5056, 0.4331
Android (android.graphics.Color)	4286072835 (0xFF784803)
YUV	78.4860, -37.2146, 36.4078
Hunter-Lab	29.3843, 9.8069, 18.1044

Details

The XYZ color **10.0795, 8.6344, 1.2215** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **4.6114, 3.7429, 18.2484**, and the grayscale version is **7.3958, 7.7810, 8.4735**.

A 20% lighter version of the original color is **25.6584, 23.2977, 6.7590**, and **2.6620, 1.9888, 0.2436** is the 20% darker color. If you saturate the color by 10%, you get **9.9844, 8.4706, 1.1088**, and if you desaturate by 10%, it is **10.4806, 9.3250, 1.6996**.

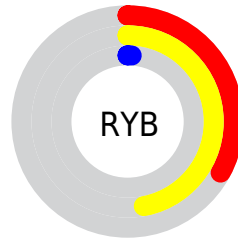
Distribution



Red (47%)

Green (28%)

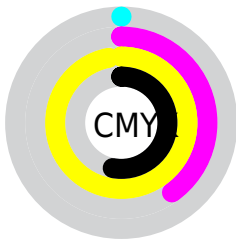
Blue (1%)



Red (33%)

Yellow (47%)

Blue (1%)

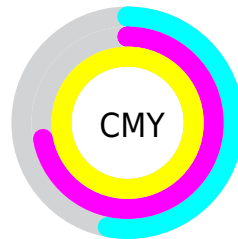


Cyan (0%)

Magenta (40%)

Yellow (97%)

Black (53%)



Cyan (53%)


Magenta (72%)

Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 10.0795, 8.6344, 1.2215 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 10.0795, 8.6344, 1.2215 by changing the saturation by 10% instead.

 10.0795, 8.6344,
1.2215


 10.0795, 8.6344,
1.2215


 185.2803,
180.6266, 108.7925


 5.5144, 4.5035,
0.0000

 25.5932, 23.1931,
6.7756


 2.5899, 1.9590,
0.0000


 37.2726, 34.3896,
12.2293

 0.9408, 0.5835,
0.0000

 52.0540, 48.7101,
20.0255

 0.0000, 0.0000,
0.0000


 70.3029, 66.5391,
30.5827

 92.3846, 88.2608,
44.3194


 118.6646,


114.2597, 61.6543

 149.5080,
144.9202, 83.0058


 10.0795, 8.6344,
1.2215


 10.0795, 8.6344,
1.2215


 9.9844, 8.4706,
1.1088

 10.4806, 9.3250,
1.6996

 10.9494, 10.0841,
2.4064

 11.5016, 10.9191,
3.4210

 12.1440, 11.8336,
4.7763

 12.8823, 12.8308,
6.5006

■ 13.7220, 13.9136,
8.6194

■ 14.6679, 15.0849,
11.1558

■ 15.7244, 16.3471,
14.1314

■ 16.8959, 17.7027,
17.5659

Harmonies

Analogous

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



12.8138, 8.6344, 2.7183



10.0795, 8.6344, 1.2215



7.3225, 8.6344, 1.0656

Triad

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



10.0795, 8.6344, 1.2215



4.1015, 8.6344, 12.2832



12.0152, 8.6344, 25.8139

Complementary

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



10.0795, 8.6344, 1.2215



4.6114, 3.7429, 18.2484

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.



9.1594, 8.6344, 32.7587



10.0795, 8.6344, 1.2215



4.8621, 8.6344, 22.5574

Square

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



10.0795, 8.6344, 1.2215



4.2429, 8.6344, 5.2351



6.5816, 8.6344, 31.3199



14.0895, 8.6344, 15.3408

Rectangle

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



10.0795, 8.6344, 1.2215



5.8710, 8.6344, 1.5384



6.5816, 8.6344, 31.3199



11.0919, 8.6344, 28.8420

Sweetspot

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



10.0797, 8.6349, 1.2217



25.4139, 26.0626, 18.5690



8.3924, 4.3039, 3.6079



5.8837, 6.0049, 4.0253



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.0797, 8.6349, 1.2217



17.4280, 14.6323, 1.9058



13.1943, 16.7703, 2.6278



4.1764, 4.3712, 4.2481



10.8784, 9.2128, 1.2049



51.0379, 42.2392, 5.4630

Inverse Universe

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



4.6114, 3.7429, 18.2484



7.7854, 6.0306, 32.0067



3.5851, 1.5049, 17.8706



3.9201, 4.1386, 5.0354



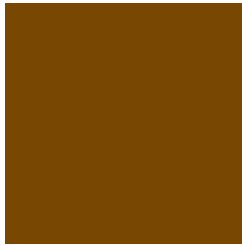
4.8936, 3.8696, 19.8743



22.5484, 16.8694, 94.5375

Previews

White Background



This preview shows how the XYZ color 10.0795, 8.6344, 1.2215 looks on a white background.

Color Contrast Check

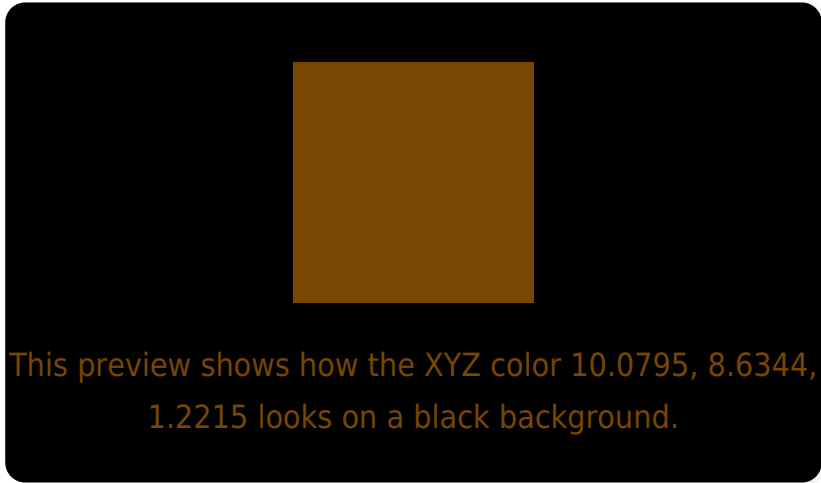
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 10.0795, 8.6344, 1.2215

Background



This preview shows how black text looks on a background with the XYZ color 10.0795, 8.6344, 1.2215.



This preview shows how white text looks on a background with the XYZ color 10.0795, 8.6344,

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

10.0795, 8.6344, 1.2215

Protanopia

7.8412, 8.7422, 1.5613

Deuteranopia

8.7398, 8.6561, 1.2102



Tritanopia

11.3452, 8.6931, 7.2109

Trichromacy



Original Color

10.0795, 8.6344, 1.2215

Protanomaly

8.5005, 8.6362, 1.4199

Deuteranomaly

9.1455, 8.5506, 1.1971

Tritanomaly

10.6673, 8.5991, 3.7869

Monochromacy



Original Color

10.0795, 8.6344, 1.2215

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

7.6962, 7.7351, 4.2193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0795, 8.6344, 1.2215 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(120, 72, 3)` looks like.

```
.text, #text, p{  
    color:rgb(120, 72, 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(120, 72, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 72, 3) }
```

Border

The CSS property to change the border of an element to XYZ 10.0795, 8.6344, 1.2215 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(120, 72, 3) }
```


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

```
.border{ border-color:rgb(120, 72, 3) }
```

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

Here you see how a box with a 4 pixel rgb(120, 72, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 72, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 72, 3);  
box-shadow:4px 4px 4px 4px rgb(120, 72, 3)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.0795, 8.6344, 1.2215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 72, 3) }
```

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

```
.background{ background-color: rgb(120, 72,  
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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