

Converting Colors

XYZ(26.7088, 15.4395, 17.7921)

Have a look what the booklet for
XYZ(26.7088, 15.4395, 17.7921)
contains.

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Color

**XYZ(26.7088, 15.4395,
17.7921)**

Conversions

Conversions Part 1

Format	Color
Hex	C23773
RGB	194, 55, 115
RGB Percent	76%, 22%, 45%
CMY	0.2392, 0.7843, 0.5490
CMYK	0.00, 0.72, 0.41, 0.24
HSL	334°, 56%, 49%
HSV	334°, 72%, 76%
XYZ	26.7088, 15.4395, 17.7921
YIQ	103.4010, 63.5840, 48.1280

Conversions

Conversions Part 2

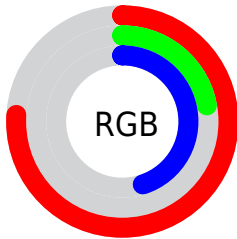
Format	Color
RYB	194, 55, 115
Decimal	12728179
CIELab	46.23, 59.26, -2.05
CIELCh	46, 59.299, 358.021
Yxy	15.4395, 0.4456, 0.2576
Android (android.graphics.Color)	4290918259 (0xFFC23773)
YUV	103.4010, 5.7183, 79.4553
Hunter-Lab	39.2931, 52.5692, 0.6584

Details

The XYZ color **26.7088, 15.4395, 17.7921** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **25.1714, 41.1174, 29.1670**, and the grayscale version is **12.9728, 13.6484, 14.8631**.

A 20% lighter version of the original color is **53.6423, 35.4492, 40.5743**, and **11.0048, 5.5561, 5.8026** is the 20% darker color. If you saturate the color by 10%, you get **25.3645, 13.7065, 14.3985**, and if you desaturate by 10%, it is **28.4919, 17.9287, 21.7067**.

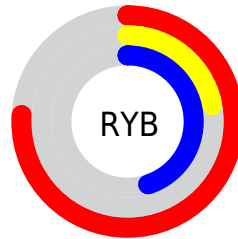
Distribution



Red (76%)

Green (22%)

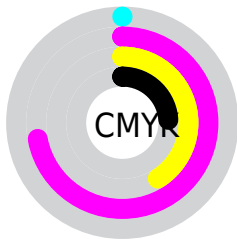
Blue (45%)



Red (76%)

Yellow (22%)

Blue (45%)

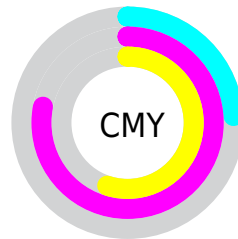


Cyan (0%)

Magenta (72%)

Yellow (41%)

Black (24%)



Cyan (24%)


Magenta (78%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7088, 15.4395, 17.7921 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 26.7088, 15.4395, 17.7921 by changing the saturation by 10% instead.


 26.7088, 15.4395,
17.7921

 26.7088, 15.4395,
17.7921


278.4377,
226.0112, 251.8932


 17.4901, 9.1284,
10.6329


 53.8394, 35.6224,
40.4919

 10.6820, 4.8250,
5.7095


 72.4821, 50.2629,
56.8696


 5.9191, 2.1450,
2.6034

 94.9967, 68.4488,
77.1572

 2.8362, 0.6897,
0.8942

 121.7487, 90.5643,
101.7733

 1.0677, 0.0000,
0.0000

 153.1035,
116.9940, 131.1364

 0.0000, 0.0000,
0.0000

189.4264,

148.1220, 165.6651

231.0826,
184.3330, 205.7779

■ 26.7088, 15.4395,
17.7921

■ 26.7088, 15.4395,
17.7921

■ 25.3645, 13.7065,
14.3985

■ 28.4919, 17.9287,
21.7067

■ 24.4099, 12.6355,
11.4961

■ 30.7530, 21.2484,
26.1675

■ 23.8379, 12.1052,
9.4133

■ 33.5282, 25.4669,
31.1987

■ 36.8494, 30.6444,
36.8222

■ 40.7460, 36.8360,
43.0587

■ 45.2452, 44.0926,
49.9280

■ 50.3723, 52.4616,
57.4485

■ 56.1511, 61.9876,
65.6382

■ 62.6043, 72.7127,
74.5139

Harmonies

Analogous

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



24.5752, 15.4395, 36.3154



26.7088, 15.4395, 17.7921



25.0522, 15.4395, 6.8220

Triad

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



26.7088, 15.4395, 17.7921



10.5609, 15.4395, 2.2578



10.1003, 15.4395, 53.2704

Complementary

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



26.7088, 15.4395, 17.7921



25.1714, 41.1174, 29.1670

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.



7.6508, 15.4395, 33.5999



26.7088, 15.4395, 17.7921



7.8706, 15.4395, 5.9483

Square

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



26.7088, 15.4395, 17.7921



15.0135, 15.4395, 1.5080



6.9388, 15.4395, 15.8666



14.3412, 15.4395, 62.8871

Rectangle

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



26.7088, 15.4395, 17.7921



22.1945, 15.4395, 3.4376



6.9388, 15.4395, 15.8666



9.0802, 15.4395, 47.2107

Sweetspot

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



26.7092, 15.4403, 17.7924



74.0593, 67.1181, 78.3825



20.8992, 11.6777, 52.1913



15.7568, 13.9604, 16.4405



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.7092, 15.4403, 17.7924



44.8851, 23.5883, 22.9740



24.7868, 15.4431, 5.2900



10.2496, 10.1485, 11.4052



15.7123, 7.9747, 6.3969



0.7134, 0.3584, 0.4581

Inverse Universe

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



26.7092, 15.4403, 17.7924



44.8851, 23.5883, 22.9740



28.6069, 39.2941, 57.1156



10.2496, 10.1485, 11.4052



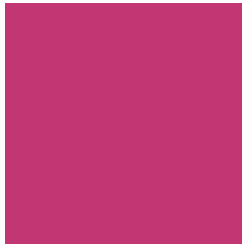
15.7123, 7.9747, 6.3969



0.7134, 0.3584, 0.4581

Previews

White Background



This preview shows how the XYZ color 26.7088, 15.4395, 17.7921 looks on a white background.

Color Contrast Check

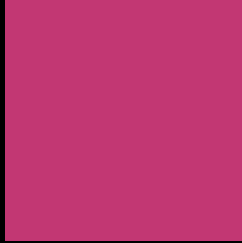
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7088, 15.4395, 17.7921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

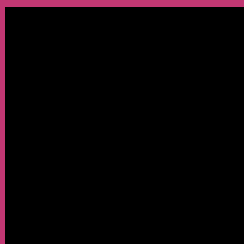
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.7088, 15.4395, 17.7921

Background



This preview shows how black text looks on a background with the XYZ color 26.7088, 15.4395, 17.7921.



This preview shows how white text looks on a background with the XYZ color 26.7088, 15.4395,

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

26.7088, 15.4395, 17.7921

Protanopia

16.0390, 15.7599, 30.6304

Deuteranopia

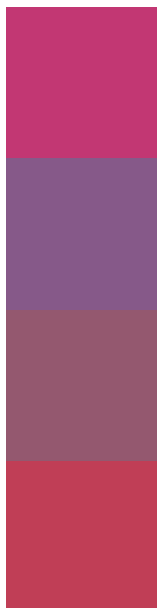
15.9905, 15.7357, 16.3819



Tritanopia

24.5396, 15.4150, 7.4764

Trichromacy



Original Color

26.7088, 15.4395, 17.7921

Protanomaly

17.9193, 14.0192, 25.4284

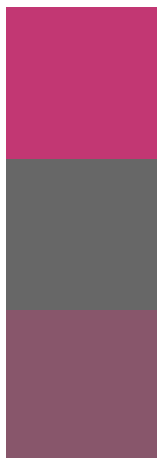
Deuteranomaly

18.5717, 14.4230, 16.8440

Tritanomaly

25.1406, 15.3236, 10.4368

Monochromacy



Original Color

26.7088, 15.4395, 17.7921

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

16.1350, 12.9514, 15.5594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7088, 15.4395, 17.7921 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(194, 55, 115)` looks like.

```
.text, #text, p{  
    color:rgb(194, 55, 115)  
}
```

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(194, 55, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 55, 115) }
```

Border

The CSS property to change the border of an element to XYZ 26.7088, 15.4395, 17.7921 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(194, 55, 115) }
```


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

```
.border{ border-color:rgb(194, 55, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 55, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 55, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 55, 115);  
box-shadow:4px 4px 4px 4px rgb(194, 55,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7088, 15.4395, 17.7921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 55, 115) }
```

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

```
.background{ background-color: rgb(194, 55,  
115) }
```

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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