

Converting Colors

XYZ(27.2788, 16.0193, 8.1328)

Have a look what the booklet for
XYZ(27.2788, 16.0193, 8.1328)
contains.

XYZ(27.2788, 16.0193, 8.1328)	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(27.2788, 16.0193,
8.1328)**

Conversions

Conversions Part 1	
Format	Color
Hex	CB384A
RGB	203, 56, 74
RGB Percent	80%, 22%, 29%
CMY	0.2039, 0.7803, 0.7098
CMYK	0.00, 0.72, 0.64, 0.20
HSL	353°, 59%, 51%
HSV	353°, 72%, 80%
XYZ	27.2788, 16.0193, 8.1328
YIQ	102.0050, 81.8340, 36.7620

Conversions

Conversions Part 2

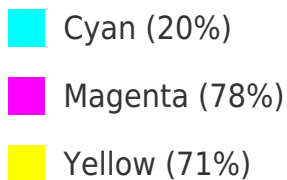
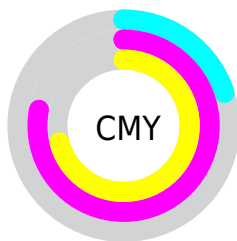
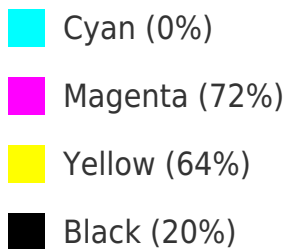
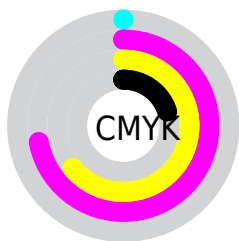
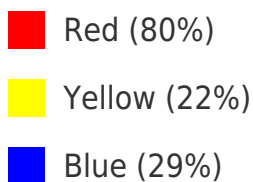
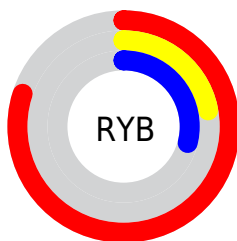
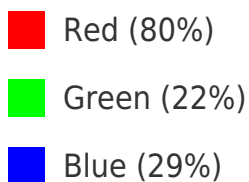
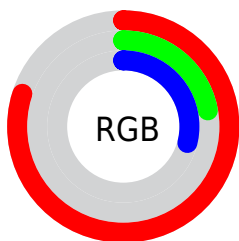
Format	Color
RYB	203, 56, 74
Decimal	13318218
CIELab	47.00, 58.26, 24.39
CIELCh	47, 63.161, 22.718
Yxy	16.0193, 0.5304, 0.3115
Android (android.graphics.Color)	4291508298 (0xFFCB384A)
YUV	102.0050, -13.8065, 88.5726
Hunter-Lab	40.0241, 51.6161, 15.9693

Details

The XYZ color **27.2788, 16.0193, 8.1328** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31.7453, 47.0559, 53.3140**, and the grayscale version is **12.6517, 13.3105, 14.4952**.

A 20% lighter version of the original color is **50.7203, 34.5003, 22.7249**, and **11.4027, 5.8497, 1.8244** is the 20% darker color. If you saturate the color by 10%, you get **25.9689, 14.2281, 5.1427**, and if you desaturate by 10%, it is **29.1581, 18.6777, 12.1514**.


Distribution




Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2788, 16.0193, 8.1328 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 27.2788, 16.0193, 8.1328 by changing the saturation by 10% instead.


 27.2788, 16.0193,
8.1328


 27.2788, 16.0193,
8.1328

281.1475,
229.4556, 186.7433


 17.9204, 9.5378,
4.0911


 54.7477, 36.6317,
22.7688


 10.9922, 5.0936,
1.6754


 73.5888, 51.5314,
34.2002

 6.1288, 2.3023,
0.3438


 96.3216, 70.0060,
48.9318

 2.9650, 0.7749,
0.0000

 123.3114, 92.4398,
67.3823

 1.1353, 0.0000,
0.0000

 154.9235,
119.2173, 89.9702

 0.0543, 0.0000,
0.0000


191.5233,


 0.0000, 0.0000,


150.7228, 117.1139


0.0000


233.4762,
187.3408, 149.2321


 27.2788, 16.0193,
8.1328


 27.2788, 16.0193,
8.1328


 25.9689, 14.2281,
5.1427

 29.1581, 18.6777,
12.1514

 25.1610, 13.1921,
3.0853


 31.6617, 22.2918,
17.2808


 24.8022, 12.7659,
2.0678


 34.8393, 26.9422,
23.5958


 38.7352, 32.7001,
31.1644

 43.3898, 39.6306,
40.0494

 48.8407, 47.7936,
50.3096

 55.1228, 57.2451,
61.9998

 62.2690, 68.0373,
75.1722

 70.3103, 80.2200,
89.8763

Harmonies

Analogous

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



28.3828, 16.0193, 21.5903



27.2788, 16.0193, 8.1328



22.6107, 16.0193, 2.7061

Triad

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



27.2788, 16.0193, 8.1328



8.2404, 16.0193, 4.7410



13.9185, 16.0193, 68.3795

Complementary

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



27.2788, 16.0193, 8.1328



31.7453, 47.0559, 53.3140

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.



9.6545, 16.0193, 54.5804



27.2788, 16.0193, 8.1328



6.9317, 16.0193, 13.8628

Square

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



27.2788, 16.0193, 8.1328



11.4804, 16.0193, 1.7383



7.3781, 16.0193, 32.0294



19.7085, 16.0193, 63.2542

Rectangle

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



27.2788, 16.0193, 8.1328



18.6052, 16.0193, 1.5347



7.3781, 16.0193, 32.0294



12.2827, 16.0193, 65.6126

Sweetspot

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



27.2792, 16.0202, 8.1330



72.7526, 66.5057, 67.2459



31.8181, 17.2577, 58.1536



15.0848, 13.5079, 13.4685



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.



27.2792, 16.0202, 8.1330



42.6116, 22.6855, 6.4497



30.9084, 24.1138, 6.7681



11.2673, 11.2356, 11.9420



15.8023, 8.1315, 1.4119



0.8342, 0.4271, 0.1729

Inverse Universe

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



27.2792, 16.0202, 8.1330



42.6116, 22.6855, 6.4497



23.1748, 26.6805, 60.4280



11.2673, 11.2356, 11.9420



15.8023, 8.1315, 1.4119



0.8342, 0.4271, 0.1729

Previews

White Background



This preview shows how the XYZ color 27.2788, 16.0193, 8.1328 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 27.2788, 16.0193, 8.1328 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 27.2788, 16.0193, 8.1328

Background



This preview shows how black text looks on a background with the XYZ color 27.2788, 16.0193, 8.1328.



This preview shows how white text looks on a background with the XYZ color 27.2788, 16.0193,

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

27.2788, 16.0193, 8.1328

Protanopia

15.4231, 16.3030, 13.6432

Deuteranopia

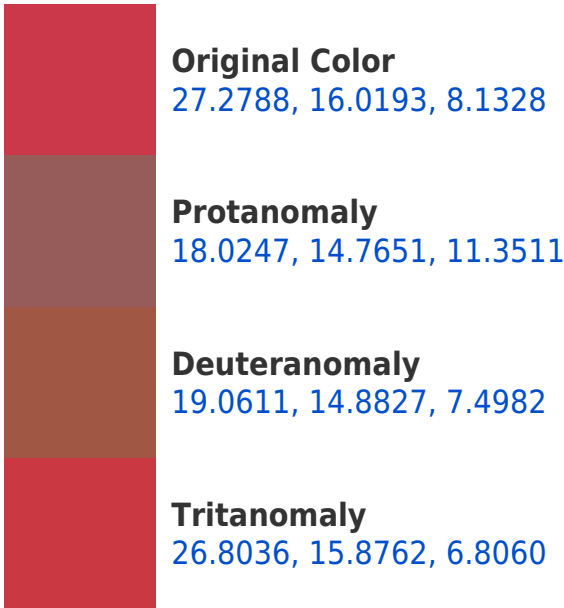
16.3944, 16.1430, 7.4061



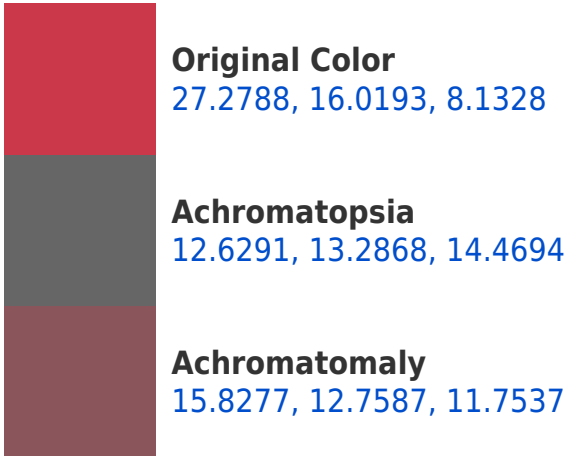
Tritanopia

26.7125, 15.9196, 6.0798

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2788, 16.0193, 8.1328 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(203, 56, 74)` looks like.

```
.text, #text, p{  
    color:rgb(203, 56, 74)  
}
```

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(203, 56, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 56, 74) }
```

Border

The CSS property to change the border of an element to XYZ 27.2788, 16.0193, 8.1328 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(203, 56, 74) }
```


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

```
.border{ border-color:rgb(203, 56, 74) }
```

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

Here you see how a box with a 4 pixel rgb(203, 56, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 56, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 56, 74);  
box-shadow:4px 4px 4px 4px rgb(203, 56,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2788, 16.0193, 8.1328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 56, 74) }
```

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

```
.background{ background-color: rgb(203, 56,  
74) }
```

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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