

Converting Colors

XYZ(27.4949, 15.8776, 12.1928)

Have a look what the booklet for
XYZ(27.4949, 15.8776, 12.1928)
contains.

XYZ(27.4269, 15.8640, 12.2062)	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(27.4269, 15.8640,
12.2062)**

Conversions

Conversions Part 1

Format	Color
Hex	C9365E
RGB	201, 54, 94
RGB Percent	79%, 21%, 37%
CMY	0.2118, 0.7882, 0.6314
CMYK	0.00, 0.73, 0.53, 0.21
HSL	344°, 58%, 50%
HSV	344°, 73%, 79%
XYZ	27.4269, 15.8640, 12.2062
YIQ	102.5130, 74.7720, 43.6040

Conversions

Conversions Part 2

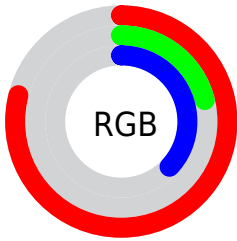
Format	Color
R_{YB}	201, 54, 94
Decimal	13186654
CIE Lab	46.80, 59.74, 11.83
CIE LCh	47, 60.897, 11.204
Yxy	15.8640, 0.4942, 0.2859
Android (android.graphics.Color)	4291376734 (0xFFC9365E)
YUV	102.5130, -4.1969, 86.3731
Hunter-Lab	39.8296, 53.2142, 9.7107

Details

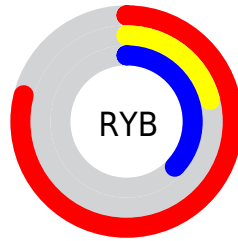
The XYZ color **27.4269, 15.8640, 12.2062** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **28.8423, 45.1311, 40.9136**, and the grayscale version is **12.7618, 13.4264, 14.6213**.

A 20% lighter version of the original color is **52.0682, 34.8620, 30.3703**, and **11.5180, 5.8761, 3.3234** is the 20% darker color. If you saturate the color by 10%, you get **26.0815, 14.1263, 8.8198**, and if you desaturate by 10%, it is **29.2839, 18.4260, 16.3775**.

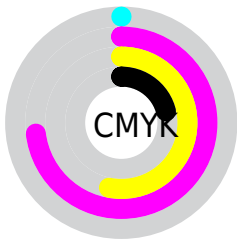
Distribution



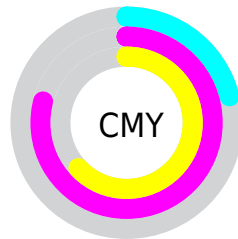
- Red (79%)
- Green (21%)
- Blue (37%)



- Red (79%)
- Yellow (21%)
- Blue (37%)



- Cyan (0%)
- Magenta (73%)
- Yellow (53%)
- Black (21%)





- Cyan (21%)
- Magenta (79%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4269, 15.8640, 12.2062 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 27.4269, 15.8640, 12.2062 by changing the saturation by 10% instead.


 27.4269, 15.8640,
12.2062


 27.4269, 15.8640,
12.2062


281.8482,
228.5379, 216.7918


 18.0323, 9.4280,
6.7600


 54.9832, 36.3619,
30.5401


 11.0730, 5.0214,
3.2363


 73.8757, 51.1926,
44.2649

 6.1836, 2.2598,
1.2165


 96.6648, 69.5903,
61.5863

 2.9988, 0.7523,
0.0000

 123.7160, 91.9395,
82.9229

 1.1531, 0.0000,
0.0000

 155.3946,
118.6244, 108.6932

 0.0689, 0.0000,
0.0000

192.0659,

 0.0000, 0.0000,

150.0295, 139.3158

0.0000

234.0953,
186.5392, 175.2091

■ 27.4269, 15.8640,
12.2062

■ 27.4269, 15.8640,
12.2062

■ 26.0815, 14.1263,
8.8198

■ 29.2839, 18.4260,
16.3775

■ 25.1883, 13.1051,
6.1632

■ 31.7004, 21.8970,
21.3813

■ 24.7693, 12.6902,
4.7188

■ 34.7195, 26.3541,
27.2619

■ 38.3799, 31.8656,
34.0603

■ 42.7169, 38.4933,
41.8145

■ 47.7632, 46.2946,
50.5605

■ 53.5493, 55.3226,
60.3323

■ 60.1038, 65.6275,
71.1623

■ 67.4540, 77.2563,
83.0813

Harmonies

Analogous

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



26.9105, 15.8640, 28.4689



27.4269, 15.8640, 12.2062



24.1045, 15.8640, 4.3084

Triad

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



27.4269, 15.8640, 12.2062



9.3186, 15.8640, 3.3151



12.0311, 15.8640, 62.1657

Complementary

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



27.4269, 15.8640, 12.2062



28.8423, 45.1311, 40.9136

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.



8.6442, 15.8640, 44.4663



27.4269, 15.8640, 12.2062



7.3501, 15.8640, 9.4813

Square

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



27.4269, 15.8640, 12.2062



13.1859, 15.8640, 1.5558



7.1362, 15.8640, 23.5781



17.1435, 15.8640, 64.5410

Rectangle

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



27.4269, 15.8640, 12.2062



20.5310, 15.8640, 2.2523



7.1362, 15.8640, 23.5781



10.6881, 15.8640, 57.4747

Sweetspot

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



27.4273, 15.8649, 12.2065



73.7988, 66.9242, 72.7553



26.2303, 14.2634, 56.6286



15.3277, 13.6050, 14.7474



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.



27.4273, 15.8649, 12.2065



43.6361, 22.9858, 12.1821



28.0698, 19.3168, 5.7404



10.7504, 10.6836, 11.6691



15.6074, 7.9925, 3.1426



0.7703, 0.3910, 0.3138

Inverse Universe

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



27.4273, 15.8649, 12.2065



43.6361, 22.9858, 12.1821



26.2807, 33.4340, 60.3263



10.7504, 10.6836, 11.6691



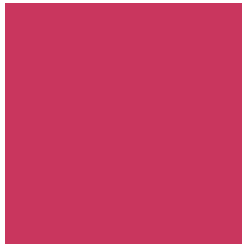
15.6074, 7.9925, 3.1426



0.7703, 0.3910, 0.3138

Previews

White Background



This preview shows how the XYZ color 27.4269, 15.8640, 12.2062 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 27.4269, 15.8640, 12.2062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

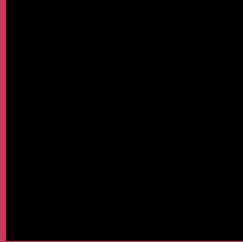
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.4269, 15.8640, 12.2062

Background



This preview shows how black text looks on a background with the XYZ color 27.4269, 15.8640, 12.2062.



This preview shows how white text looks on a background with the XYZ color 27.4269, 15.8640,

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

27.4269, 15.8640, 12.2062

Protanopia

15.6900, 16.1139, 21.0222

Deuteranopia

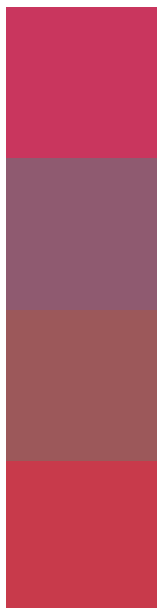
16.3381, 16.0288, 11.2496



Tritanopia

26.1473, 15.8498, 6.5317

Trichromacy



Original Color

27.4269, 15.8640, 12.2062

Protanomaly

17.9085, 14.3218, 17.1497

Deuteranomaly

19.0455, 14.7856, 11.5229

Tritanomaly

26.6025, 15.8135, 8.3068

Monochromacy



Original Color

27.4269, 15.8640, 12.2062

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

16.1962, 12.9061, 13.6941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4269, 15.8640, 12.2062 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(201, 54, 94)` looks like.

```
.text, #text, p{  
    color:rgb(201, 54, 94)  
}
```

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(201, 54, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 54, 94) }
```

Border

The CSS property to change the border of an element to XYZ 27.4269, 15.8640, 12.2062 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(201, 54, 94) }
```


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

```
.border{ border-color:rgb(201, 54, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 54, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 54, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 54, 94);  
box-shadow:4px 4px 4px 4px rgb(201, 54,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4269, 15.8640, 12.2062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 54, 94) }
```

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

```
.background{ background-color: rgb(201, 54,  
94) }
```

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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