

Converting Colors

XYZ(27.5428, 15.9572, 14.0486)

Have a look what the booklet for
XYZ(27.5428, 15.9572, 14.0486)
contains.

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Color

**XYZ(27.5346, 15.9513,
13.9396)**

Conversions

Conversions Part 1

Format	Color
Hex	C83765
RGB	200, 55, 101
RGB Percent	78%, 22%, 40%
CMY	0.2157, 0.7843, 0.6039
CMYK	0.00, 0.72, 0.49, 0.22
HSL	341°, 57%, 50%
HSV	341°, 72%, 78%
XYZ	27.5346, 15.9513, 13.9396
YIQ	103.5990, 71.6540, 45.0460

Conversions

Conversions Part 2

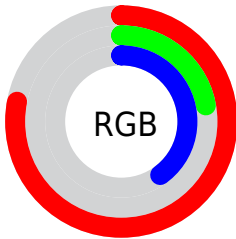
Format	Color
R_{YB}	200, 55, 101
Decimal	13121381
CIE _{Lab}	46.91, 59.67, 7.67
CIE _{LCh}	47, 60.163, 7.321
Yxy	15.9513, 0.4795, 0.2778
Android (android.graphics.Color)	4291311461 (0xFFC83765)
YUV	103.5990, -1.2813, 84.5437
Hunter-Lab	39.9391, 53.1672, 7.2639

Details

The XYZ color **27.5346, 15.9513, 13.9396** 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 **28.0638, 44.4544, 37.6771**, and the grayscale version is **13.0420, 13.7212, 14.9423**.

A 20% lighter version of the original color is **52.8126, 35.3373, 33.7430**, and **11.5048, 5.8513, 4.1375** is the 20% darker color. If you saturate the color by 10%, you get **26.1551, 14.1757, 10.4484**, and if you desaturate by 10%, it is **29.4109, 18.5427, 18.1452**.

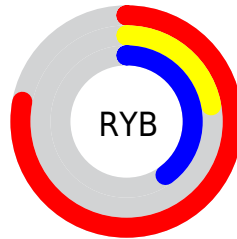
Distribution



Red (78%)

Green (22%)

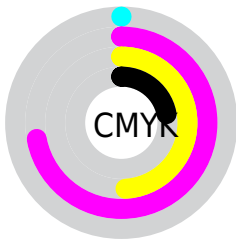
Blue (40%)



Red (78%)

Yellow (22%)

Blue (40%)

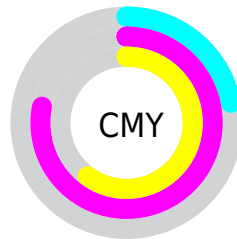


Cyan (0%)

Magenta (72%)

Yellow (49%)

Black (22%)



Cyan (22%)


Magenta (78%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5346, 15.9513, 13.9396 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 27.5346, 15.9513, 13.9396 by changing the saturation by 10% instead.


 27.5346, 15.9513,
13.9396


 27.5346, 15.9513,
13.9396


282.3569,
229.0542, 228.2701


 18.1138, 9.4897,
7.9404


 55.1544, 36.5136,
33.6974


 11.1319, 5.0619,
3.9696


 74.0841, 51.3832,
48.2931


 6.2236, 2.2837,
1.6087


 96.9141, 69.8241,
66.5913

 3.0234, 0.7650,
0.2970

 124.0099, 92.2209,
89.0107

 1.1662, 0.0000,
0.0000

 155.7367,
118.9579, 115.9697

 0.0794, 0.0000,
0.0000

192.4599,

 0.0000, 0.0000,

150.4195, 147.8869

0.0000

234.5448,
186.9902, 185.1809

■ 27.5346, 15.9513,
13.9396

■ 27.5346, 15.9513,
13.9396

■ 26.1551, 14.1757,
10.4484

■ 29.4109, 18.5427,
18.1452

■ 25.2159, 13.1115,
7.6254

■ 31.8293, 22.0322,
23.1051

■ 24.7290, 12.6432,
5.9044

■ 34.8313, 26.4950,
28.8570

■ 38.4536, 31.9975,
35.4354

■ 42.7301, 38.6002,
42.8727

■ 47.6918, 46.3591,
51.1996

■ 53.3679, 55.3262,
60.4450

■ 59.7860, 65.5504,
70.6365

■ 66.9719, 77.0779,
81.8007

Harmonies

Analogous

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



26.5086, 15.9513, 31.0646



27.5346, 15.9513, 13.9396



24.6857, 15.9513, 5.0780

Triad

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



27.5346, 15.9513, 13.9396



9.8291, 15.9513, 3.0321



11.5937, 15.9513, 60.0105

Complementary

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



27.5346, 15.9513, 13.9396



28.0638, 44.4544, 37.6771

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.



8.4687, 15.9513, 41.4435



27.5346, 15.9513, 13.9396



7.6261, 15.9513, 8.4382

Square

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



27.5346, 15.9513, 13.9396



13.9113, 15.9513, 1.5811



7.1931, 15.9513, 21.3175



16.4839, 15.9513, 64.6962

Rectangle

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



27.5346, 15.9513, 13.9396



21.2887, 15.9513, 2.6318



7.1931, 15.9513, 21.3175



10.3392, 15.9513, 54.8194

Sweetspot

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



27.5350, 15.9522, 13.9399



74.1252, 67.0547, 74.4739



24.6791, 13.5470, 55.9576



15.4038, 13.6355, 15.1483



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.



27.5350, 15.9522, 13.9399



44.2625, 23.3458, 15.1428



27.3178, 18.1724, 5.6834



10.7702, 10.6915, 11.7731



15.7598, 8.0535, 3.9452



0.7794, 0.3946, 0.3616

Inverse Universe

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



27.5350, 15.9522, 13.9399



44.2625, 23.3458, 15.1428



27.4943, 35.9685, 60.1371



10.7702, 10.6915, 11.7731



15.7598, 8.0535, 3.9452



0.7794, 0.3946, 0.3616

Previews

White Background



This preview shows how the XYZ color 27.5346, 15.9513, 13.9396 looks on a white background.

Color Contrast Check

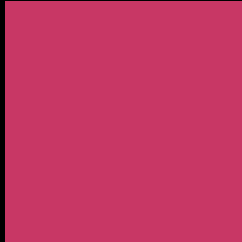
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5346, 15.9513, 13.9396 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 27.5346, 15.9513, 13.9396

Background



This preview shows how black text looks on a background with the XYZ color 27.5346, 15.9513, 13.9396.



This preview shows how white text looks on a background with the XYZ color 27.5346, 15.9513,

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

27.5346, 15.9513, 13.9396

Protanopia

16.0336, 16.2230, 24.1161

Deuteranopia

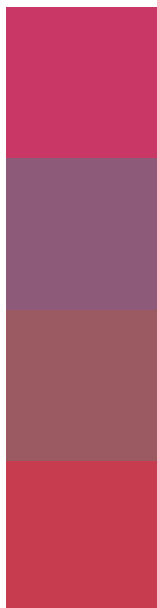
16.4362, 16.2004, 12.8504



Tritanopia

26.0496, 15.9541, 6.8607

Trichromacy



Original Color

27.5346, 15.9513, 13.9396

Protanomaly

18.1768, 14.5254, 19.9348

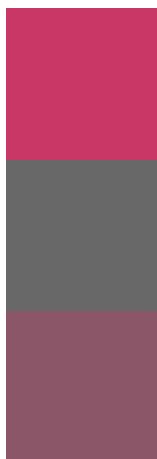
Deuteranomaly

19.2476, 14.9764, 13.1855

Tritanomaly

26.5803, 15.9383, 9.0726

Monochromacy



Original Color

27.5346, 15.9513, 13.9396

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

16.4234, 13.1238, 14.4995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5346, 15.9513, 13.9396 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(200, 55, 101)` looks like.

```
.text, #text, p{  
    color:rgb(200, 55, 101)  
}
```

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(200, 55, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 55, 101) }
```

Border

The CSS property to change the border of an element to XYZ 27.5346, 15.9513, 13.9396 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(200, 55, 101) }
```


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

```
.border{ border-color:rgb(200, 55, 101) }
```

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

Here you see how a box with a 4 pixel rgb(200, 55, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 55, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 55, 101);  
box-shadow:4px 4px 4px 4px rgb(200, 55,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5346, 15.9513, 13.9396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 55, 101) }
```

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

```
.background{ background-color: rgb(200, 55,  
101) }
```

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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