

Converting Colors

XYZ(29.4612, 17.2926, 27.7253)

Have a look what the booklet for
XYZ(29.4612, 17.2926, 27.7253)
contains.

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Color

**XYZ(29.5004, 17.2739,
27.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	C43F8F
RGB	196, 63, 143
RGB Percent	77%, 25%, 56%
CMY	0.2314, 0.7529, 0.4392
CMYK	0.00, 0.68, 0.27, 0.23
HSL	324°, 53%, 51%
HSV	324°, 68%, 77%
XYZ	29.5004, 17.2739, 27.7660
YIQ	111.8870, 53.5880, 53.0760

Conversions

Conversions Part 2

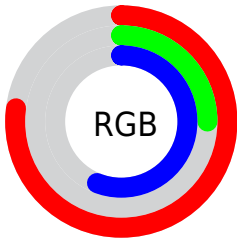
Format	Color
R_{YB}	196, 63, 143
Decimal	12861327
CIE _{Lab}	48.60, 60.07, -15.44
CIE _{LCh}	49, 62.023, 345.583
Yxy	17.2739, 0.3958, 0.2317
Android (android.graphics.Color)	4291051407 (0xFFC43F8F)
YUV	111.8870, 15.3387, 73.7671
Hunter-Lab	41.5619, 53.9650, -10.5162

Details

The XYZ color **29.5004, 17.2739, 27.7660** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **24.9432, 41.7982, 23.2783**, and the grayscale version is **15.3143, 16.1118, 17.5458**.

A 20% lighter version of the original color is **58.0345, 38.7242, 57.2391**, and **12.4570, 6.1936, 10.8948** is the 20% darker color. If you saturate the color by 10%, you get **28.0304, 15.2479, 24.4575**, and if you desaturate by 10%, it is **31.3990, 20.0906, 31.4209**.

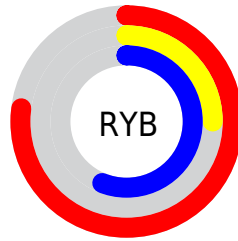
Distribution



Red (77%)

Green (25%)

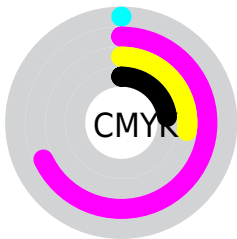
Blue (56%)



Red (77%)

Yellow (25%)

Blue (56%)

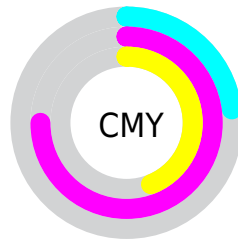


Cyan (0%)

Magenta (68%)

Yellow (27%)

Black (23%)



Cyan (23%)


Magenta (75%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5004, 17.2739, 27.7660 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 29.5004, 17.2739, 27.7660 by changing the saturation by 10% instead.


 29.5004, 17.2739,
27.7660


 29.5004, 17.2739,
27.7660

291.5205,
236.7459, 305.2238


 19.6059, 10.4300,
17.9118


 58.2633, 38.7961,
57.1292

 12.2155, 5.6850,
10.7179


 77.8623, 54.2432,
77.4754


 6.9638, 2.6545,
5.7657


 101.4269, 73.3267,
102.1559

 3.4856, 0.9541,
2.6367

 129.3224, 96.4312,
131.5894

 1.4155, 0.0000,
0.9113

 161.9141,
123.9409, 166.1944

 0.2672, 0.0000,
0.0000

199.5675,

 0.0000, 0.0000,

156.2404, 206.3895

0.0000

242.6478,
193.7139, 252.5931

■ 29.5004, 17.2739,
27.7660

■ 29.5004, 17.2739,
27.7660

■ 28.0304, 15.2479,
24.4575

■ 31.3990, 20.0906,
31.4209

■ 26.9432, 13.9234,
21.4757

■ 33.7621, 23.7694,
35.4378

■ 26.1747, 13.1727,
18.7951

■ 36.6237, 28.3767,
39.8321

■ 26.0286, 13.0412,
18.2510

■ 40.0139, 33.9714,
44.6175

■ 43.9604, 40.6077,
49.8070

■ 48.4888, 48.3359,
55.4126

■ 53.6232, 57.2028,
61.4459

■ 59.3862, 67.2525,
67.9179

■ 65.7992, 78.5269,
74.8390

Harmonies

Analogous

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



25.5670, 17.2739, 50.4811



29.5004, 17.2739, 27.7660



29.4152, 17.2739, 11.5678

Triad

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



29.5004, 17.2739, 27.7660



13.6441, 17.2739, 1.8745



9.8749, 17.2739, 51.3586

Complementary

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



29.5004, 17.2739, 27.7660



24.9432, 41.7982, 23.2783

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.



7.9559, 17.2739, 28.5738



29.5004, 17.2739, 27.7660



9.7629, 17.2739, 4.2751

Square

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



29.5004, 17.2739, 27.7660



19.3042, 17.2739, 1.8391



7.9204, 17.2739, 12.0199



13.8355, 17.2739, 68.5989

Rectangle

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



29.5004, 17.2739, 27.7660



27.0544, 17.2739, 5.8100



7.9204, 17.2739, 12.0199



9.0147, 17.2739, 43.6537

Sweetspot

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



29.5009, 17.2748, 27.7663



77.7814, 70.4252, 87.8457



18.6796, 11.1179, 53.3863



16.2046, 14.3263, 18.2231



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.



29.5009, 17.2748, 27.7663



49.8280, 26.4159, 41.8490



25.9369, 15.8492, 8.9986



10.3218, 10.1773, 11.7852



16.7679, 8.3969, 11.9557



0.7577, 0.3761, 0.6916

Inverse Universe

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



29.5009, 17.2748, 27.7663



49.8280, 26.4159, 41.8490



30.0781, 43.8521, 50.3183



10.3218, 10.1773, 11.7852



16.7679, 8.3969, 11.9557



0.7577, 0.3761, 0.6916

Previews

White Background



This preview shows how the XYZ color 29.5004, 17.2739, 27.7660 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

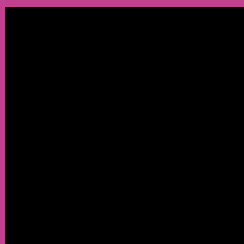
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.5004, 17.2739, 27.7660

Background



This preview shows how black text looks on a background with the XYZ color 29.5004, 17.2739, 27.7660.



This preview shows how white text looks on a background with the XYZ color 29.5004, 17.2739,

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

29.5004, 17.2739, 27.7660

Protanopia

18.6692, 17.6052, 45.5942

Deuteranopia

17.8203, 17.4394, 25.7195



Tritanopia

25.8821, 17.3084, 10.3642

Trichromacy



Original Color

29.5004, 17.2739, 27.7660

Protanomaly

20.2732, 15.7203, 38.5250

Deuteranomaly

20.6065, 16.1595, 26.4591

Tritanomaly

26.9247, 17.1225, 15.2505

Monochromacy



Original Color

29.5004, 17.2739, 27.7660

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

18.9055, 15.2751, 20.6909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5004, 17.2739, 27.7660 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(196, 63, 143)` looks like.

```
.text, #text, p{  
    color:rgb(196, 63, 143)  
}
```

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(196, 63, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 63, 143) }
```

Border

The CSS property to change the border of an element to XYZ 29.5004, 17.2739, 27.7660 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(196, 63, 143) }
```


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

```
.border{ border-color:rgb(196, 63, 143) }
```

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

Here you see how a box with a 4 pixel rgb(196, 63, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 63, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 63, 143);  
box-shadow:4px 4px 4px 4px rgb(196, 63,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5004, 17.2739, 27.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 63, 143) }
```

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

```
.background{ background-color: rgb(196, 63,  
143) }
```

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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