

Converting Colors

XYZ(32.6910, 18.8167, 25.2015)

Have a look what the booklet for
XYZ(32.6910, 18.8167, 25.2015)
contains.

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Color

**XYZ(32.6910, 18.8167,
25.2015)**

Conversions

Conversions Part 1

Format	Color
Hex	D23D88
RGB	210, 61, 136
RGB Percent	82%, 24%, 53%
CMY	0.1765, 0.7607, 0.4667
CMYK	0.00, 0.71, 0.35, 0.18
HSL	330°, 62%, 53%
HSV	330°, 71%, 82%
XYZ	32.6910, 18.8167, 25.2015
YIQ	114.1010, 64.7290, 54.9130

Conversions

Conversions Part 2

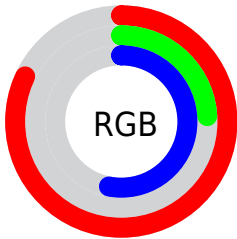
Format	Color
R_{YB}	210, 61, 136
Decimal	13778312
CIE _{Lab}	50.47, 63.80, -8.19
CIE _{LCh}	50, 64.327, 352.686
Yxy	18.8167, 0.4262, 0.2453
Android (android.graphics.Color)	4291968392 (0xFFD23D88)
YUV	114.1010, 10.7962, 84.1034
Hunter-Lab	43.3782, 58.6105, -4.0810

Details

The XYZ color **32.6910, 18.8167, 25.2015** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **29.3455, 48.8351, 30.8045**, and the grayscale version is **15.9807, 16.8129, 18.3093**.

A 20% lighter version of the original color is **57.1418, 38.3671, 52.5380**, and **14.4422, 7.2512, 9.4425** is the 20% darker color. If you saturate the color by 10%, you get **31.0757, 16.7151, 21.1820**, and if you desaturate by 10%, it is **34.8182, 21.8264, 29.7478**.

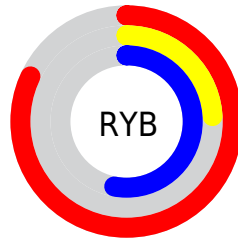
Distribution



Red (82%)

Green (24%)

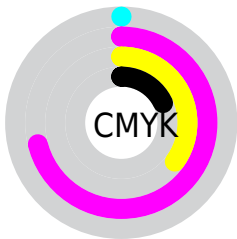
Blue (53%)



Red (82%)

Yellow (24%)

Blue (53%)

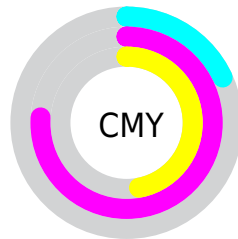


Cyan (0%)

Magenta (71%)

Yellow (35%)

Black (18%)



Cyan (18%)


Magenta (76%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6910, 18.8167, 25.2015 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 32.6910, 18.8167, 25.2015 by changing the saturation by 10% instead.


 32.6910, 18.8167,
25.2015


 32.6910, 18.8167,
25.2015


305.9447,
245.4350, 292.3197


 22.0479, 11.5379,
16.0069


 63.2507, 41.4241,
52.9521


 14.0089, 6.4299,
9.3746


 83.8981, 57.5216,
72.3451


 8.2086, 3.1082,
4.8862


 108.6109, 77.3273,
95.9747

 4.2817, 1.1885,
2.1231

 137.7546,
101.2258, 124.2594

 1.8627, 0.0523,
0.6294

 171.6945,
129.6014, 157.6177

 0.5550, 0.0000,
0.0000

210.7959,

 0.0000, 0.0000,

162.8386, 196.4681

0.0000

255.4242,
201.3216, 241.2293

■ 32.6910, 18.8167,
25.2015

■ 32.6910, 18.8167,
25.2015

■ 31.0757, 16.7151,
21.1820

■ 34.8182, 21.8264,
29.7478

■ 29.9139, 15.4087,
17.6595

■ 37.5034, 25.8336,
34.8457

■ 29.1642, 14.7360,
14.8608

■ 40.7891, 30.9201,
40.5187

■ 44.7131, 37.1585,
46.7884

■ 49.3097, 44.6149,
53.6750

■ 54.6109, 53.3504,
61.1976

■ 60.6465, 63.4220,
69.3742

■ 67.4447, 74.8832,
78.2222

■ 75.0318, 87.7847,
87.7580

Harmonies

Analogous

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



29.2778, 18.8167, 49.3234



32.6910, 18.8167, 25.2015



31.4600, 18.8167, 9.8551

Triad

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



32.6910, 18.8167, 25.2015



13.6294, 18.8167, 2.2963



11.5313, 18.8167, 61.9973

Complementary

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



32.6910, 18.8167, 25.2015



29.3455, 48.8351, 30.8045

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.



8.9138, 18.8167, 36.8820



32.6910, 18.8167, 25.2015



9.9130, 18.8167, 5.8838

Square

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



32.6910, 18.8167, 25.2015



19.4625, 18.8167, 1.7846



8.3998, 18.8167, 16.4025



16.3946, 18.8167, 77.2919

Rectangle

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



32.6910, 18.8167, 25.2015



28.2813, 18.8167, 4.8702



8.3998, 18.8167, 16.4025



10.4108, 18.8167, 53.9077

Sweetspot

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



32.6915, 18.8177, 25.2018



76.2913, 68.8673, 82.9643



22.9784, 12.9799, 62.2670



15.8820, 14.0105, 17.0999



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.



32.6915, 18.8177, 25.2018



47.2348, 24.7797, 30.0398



29.1586, 17.4045, 6.5977



12.0534, 11.9061, 13.5570



17.8406, 9.0091, 9.3326



1.0376, 0.5198, 0.7327

Inverse Universe

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



32.6915, 18.8177, 25.2018



47.2348, 24.7797, 30.0398



36.2974, 51.6159, 67.4131



12.0534, 11.9061, 13.5570



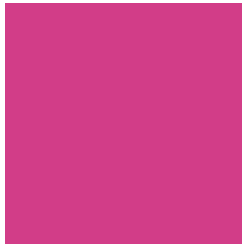
17.8406, 9.0091, 9.3326



1.0376, 0.5198, 0.7327

Previews

White Background



This preview shows how the XYZ color 32.6910, 18.8167, 25.2015 looks on a white 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

Black Background



This preview shows how the XYZ color 32.6910, 18.8167, 25.2015 looks on a black 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

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

XYZ 32.6910, 18.8167, 25.2015

Background



This preview shows how black text looks on a background with the XYZ color 32.6910, 18.8167, 25.2015.



This preview shows how white text looks on a background with the XYZ color 32.6910, 18.8167,

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

32.6910, 18.8167, 25.2015

Protanopia

19.9282, 19.1724, 43.2077

Deuteranopia

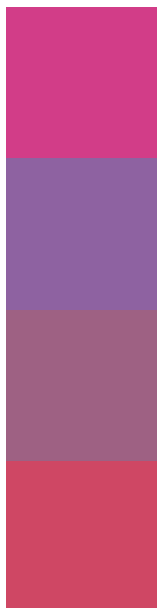
19.3108, 18.9482, 23.0617



Tritanopia

29.4860, 18.8699, 9.6776

Trichromacy



Original Color

32.6910, 18.8167, 25.2015

Protanomaly

21.9560, 17.0594, 35.8538

Deuteranomaly

22.4720, 17.4572, 23.6579

Tritanomaly

30.2856, 18.6920, 14.0683

Monochromacy



Original Color

32.6910, 18.8167, 25.2015

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

19.9995, 15.9791, 20.4425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6910, 18.8167, 25.2015 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(210, 61, 136)` looks like.

```
.text, #text, p{  
    color:rgb(210, 61, 136)  
}
```

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(210, 61, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 61, 136) }
```

Border

The CSS property to change the border of an element to XYZ 32.6910, 18.8167, 25.2015 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(210, 61, 136) }
```


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

```
.border{ border-color:rgb(210, 61, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 61, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 61, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 61, 136);  
box-shadow:4px 4px 4px 4px rgb(210, 61,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6910, 18.8167, 25.2015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 61, 136) }
```

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

```
.background{ background-color: rgb(210, 61,  
136) }
```

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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