

Converting Colors

XYZ(36.4012, 18.4855, 55.0619)

Have a look what the booklet for
XYZ(36.4012, 18.4855, 55.0619)
contains.

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Color

**XYZ(36.5262, 18.5447,
55.0804)**

Conversions

Conversions Part 1

Format	Color
Hex	CF23C6
RGB	207, 35, 198
RGB Percent	81%, 14%, 78%
CMY	0.1882, 0.8627, 0.2235
CMYK	0.00, 0.83, 0.04, 0.19
HSL	303°, 71%, 47%
HSV	303°, 83%, 81%
XYZ	36.5262, 18.5447, 55.0804
YIQ	105.0100, 50.1890, 87.1570

Conversions

Conversions Part 2

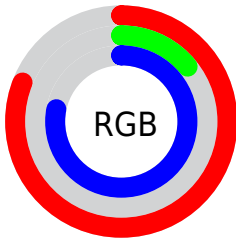
Format	Color
R_{YB}	207, 35, 198
Decimal	13575110
CIE _{Lab}	50.15, 78.39, -45.31
CIE _{LCh}	50, 90.539, 329.973
Yxy	18.5447, 0.3316, 0.1684
Android (android.graphics.Color)	4291765190 (0xFFCF23C6)
YUV	105.0100, 45.8441, 89.4452
Hunter-Lab	43.0636, 76.0412, -45.6903

Details

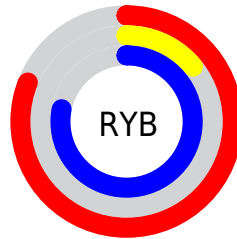
The XYZ color **36.5262, 18.5447, 55.0804** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted magenta. A complement of this color would be **23.4615, 45.1657, 9.8655**, and the grayscale version is **13.3022, 13.9950, 15.2405**.

A 20% lighter version of the original color is **64.2403, 38.3806, 98.6301**, and **17.1707, 8.2791, 26.6796** is the 20% darker color. If you saturate the color by 10%, you get **35.9622, 17.6155, 54.2782**, and if you desaturate by 10%, it is **37.4512, 20.1935, 56.0076**.

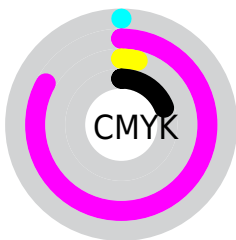
Distribution



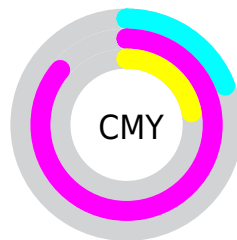
- Red (81%)
- Green (14%)
- Blue (78%)



- Red (81%)
- Yellow (14%)
- Blue (78%)



- Cyan (0%)
- Magenta (83%)
- Yellow (4%)
- Black (19%)





- Cyan (19%)
- Magenta (86%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5262, 18.5447, 55.0804 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 36.5262, 18.5447, 55.0804 by changing the saturation by 10% instead.


 36.5262, 18.5447,
55.0804


 36.5262, 18.5447,
55.0804

322.6459,
243.9236, 423.5072

 25.0129, 11.3418,
39.0671

 69.1620, 40.9633,
99.1311


 16.2154, 6.2972,
26.5037


 91.0153, 56.9478,
128.0055

 9.7685, 3.0266,
16.9717


 117.0458, 76.6282,
162.0040

 5.3068, 1.1456,
10.0526

 147.6190,
100.3890, 201.5452

 2.4650, 0.0166,
5.3278

 183.1003,
128.6145, 247.0475

 0.8776, 0.0000,
2.3787

223.8550,

 0.0000, 0.0000,

161.6892, 298.9296

0.7748

270.2484,
199.9974, 357.6100

■ 0.0000, 0.0000,
0.0000

■ 36.5262, 18.5447,
55.0804

■ 36.5262, 18.5447,
55.0804

■ 35.9622, 17.6155,
54.2782

■ 37.4512, 20.1935,
56.0076

■ 35.7154, 17.2587,
53.7737

■ 38.7903, 22.6694,
57.0771

■ 40.5896, 26.0646,
58.3045

■ 42.8891, 30.4585,
59.7030

■ 45.7239, 35.9217,
61.2844

■ 49.1264, 42.5188,
63.0595

■ 53.1262, 50.3090,
65.0382

■ 57.7508, 59.3474,
67.2296

■ 63.0261, 69.6858,
69.6423

Harmonies

Analogous

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



27.4157, 18.5447, 97.0606



36.5262, 18.5447, 55.0804



40.3129, 18.5447, 20.2149

Triad

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



36.5262, 18.5447, 55.0804



17.6342, 18.5447, 0.0000



6.7151, 18.5447, 55.0032

Complementary

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



36.5262, 18.5447, 55.0804



23.4615, 45.1657, 9.8655

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.



5.6027, 18.5447, 20.1692



36.5262, 18.5447, 55.0804



10.4981, 18.5447, 0.5618

Square

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



36.5262, 18.5447, 55.0804



27.4343, 18.5447, 0.5648



6.7192, 18.5447, 4.4218



10.4883, 18.5447, 96.9956

Rectangle

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



36.5262, 18.5447, 55.0804



38.5852, 18.5447, 7.8179



6.7192, 18.5447, 4.4218



6.0864, 18.5447, 41.4738

Sweetspot

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



36.5269, 18.5456, 55.0808



77.4428, 65.6377, 100.4040



12.8861, 6.2348, 59.5565



16.1539, 13.2304, 21.2717



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.



36.5269, 18.5456, 55.0808



57.2152, 27.6501, 86.0544



29.2812, 15.6473, 16.9253



12.2830, 11.9979, 14.7659



22.5132, 10.8781, 33.9384



1.2672, 0.6116, 1.9417

Inverse Universe

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



36.5269, 18.5456, 55.0808



57.2152, 27.6501, 86.0544



27.0095, 46.5849, 28.5490



12.2830, 11.9979, 14.7659



22.5132, 10.8781, 33.9384



1.2672, 0.6116, 1.9417

Previews

White Background



This preview shows how the XYZ color 36.5262, 18.5447, 55.0804 looks on a white background.

Color Contrast Check

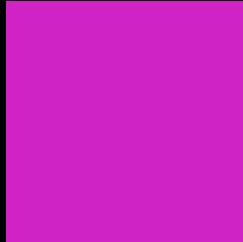
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.5262, 18.5447, 55.0804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

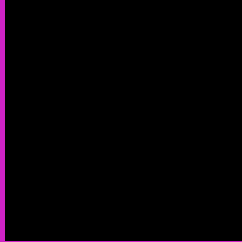
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.5262, 18.5447, 55.0804

Background



This preview shows how black text looks on a background with the XYZ color 36.5262, 18.5447, 55.0804.



This preview shows how white text looks on a background with the XYZ color 36.5262, 18.5447,

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

36.5262, 18.5447, 55.0804

Protanopia

22.8799, 19.1446, 89.6782

Deuteranopia

19.4324, 18.9521, 49.6476



Tritanopia

27.6197, 18.6269, 11.3721

Trichromacy



Original Color

36.5262, 18.5447, 55.0804



Protanomaly

20.4527, 13.9694, 75.7471



Deuteranomaly

22.0296, 15.5735, 51.1351



Tritanomaly

29.6639, 17.7343, 22.2817

Monochromacy



Original Color

36.5262, 18.5447, 55.0804



Achromatopsia

13.4271, 14.1263, 15.3836



Achromatomaly

18.6842, 13.3522, 26.0186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5262, 18.5447, 55.0804 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(207, 35, 198)` looks like.

```
.text, #text, p{  
    color:rgb(207, 35, 198)  
}
```

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(207, 35, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 35, 198) }
```

Border

The CSS property to change the border of an element to XYZ 36.5262, 18.5447, 55.0804 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(207, 35, 198) }
```


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

```
.border{ border-color:rgb(207, 35, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 35, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 35, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 35, 198);  
box-shadow:4px 4px 4px 4px rgb(207, 35,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5262, 18.5447, 55.0804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 35, 198) }
```

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

```
.background{ background-color: rgb(207, 35,  
198) }
```

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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