

Converting Colors

XYZ(51.7338, 35.1947, 53.1030)

Have a look what the booklet for
XYZ(51.7338, 35.1947, 53.1030)
contains.

XYZ(51.8176, 35.2437, 53.3618)	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(51.8176, 35.2437,
53.3618)**

Conversions

Conversions Part 1

Format	Color
Hex	F076BF
RGB	240, 118, 191
RGB Percent	94%, 46%, 75%
CMY	0.0588, 0.5372, 0.2510
CMYK	0.00, 0.51, 0.20, 0.06
HSL	324°, 80%, 70%
HSV	324°, 51%, 94%
XYZ	51.8176, 35.2437, 53.3618
YIQ	162.8000, 49.2790, 48.5670

Conversions

Conversions Part 2

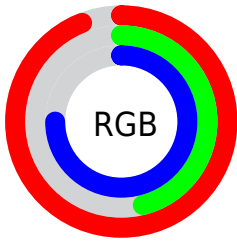
Format	Color
R _Y B	240, 118, 191
Decimal	15759039
CIE Lab	65.94, 55.28, -16.41
CIE LCh	66, 57.664, 343.465
Yxy	35.2437, 0.3690, 0.2510
Android (android.graphics.Color)	4293949119 (0xFFFF076BF)
YUV	162.8000, 13.9026, 67.7044
Hunter-Lab	59.3664, 51.9114, -11.7366

Details

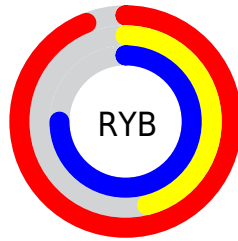
The XYZ color **51.8176, 35.2437, 53.3618** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **45.6081, 68.9629, 47.4698**, and the grayscale version is **34.6399, 36.4439, 39.6874**.

A 20% lighter version of the original color is **73.1646, 58.2475, 95.3824**, and **25.3489, 15.1849, 25.2619** is the 20% darker color. If you saturate the color by 10%, you get **48.3163, 29.8830, 47.1319**, and if you desaturate by 10%, it is **56.1098, 42.0735, 60.2006**.

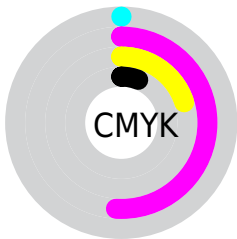
Distribution



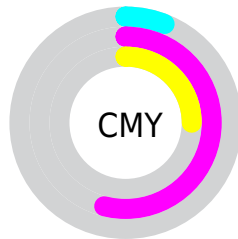
- Red (94%)
- Green (46%)
- Blue (75%)



- Red (94%)
- Yellow (46%)
- Blue (75%)



- Cyan (0%)
- Magenta (51%)
- Yellow (20%)
- Black (6%)





- Cyan (6%)
- Magenta (54%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8176, 35.2437, 53.3618 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 51.8176, 35.2437, 53.3618 by changing the saturation by 10% instead.


 51.8176, 35.2437,
53.3618


 51.8176, 35.2437,
53.3618

384.0676,
325.6427, 416.7773


 37.0834, 23.8507,
37.7020


 92.0380, 67.8631,
96.5835

 25.4460, 15.2229,
25.4514


 118.2549, 89.8583,
124.9824

 16.5402, 8.9760,
16.1916


 149.0301,
116.1563, 158.4648

 10.0005, 4.7255,
9.5040

184.7289,
147.1416, 197.4491

 5.4615, 2.0871,
4.9701

225.7167,
183.1984, 242.3540

 2.5580, 0.6574,
2.1713

272.3588,

 0.9246, 0.0000,

224.7113, 293.5980

0.6577

325.0207,
272.0646, 351.5995

■ 0.0000, 0.0000,
0.0000

■ 51.8176, 35.2437,
53.3618

■ 51.8176, 35.2437,
53.3618

■ 48.3163, 29.8830,
47.1319

■ 56.1098, 42.0735,
60.2006

■ 45.5456, 25.8744,
41.4831

■ 61.2407, 50.4674,
67.6695

■ 43.4415, 23.0914,
36.3877


■ 67.2580, 60.5183,
75.7911


■ 41.9262, 21.3809,
31.8128

■ 74.2049, 72.3105,
84.5857

■ 40.9391, 20.5269,
28.0308

■ 82.1215, 85.9223,
94.0727

 88.7693, 96.8749,
103.5116

 89.7454, 97.2654,
108.6517

Harmonies

Analogous

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



46.1003, 35.2437, 83.5815



51.8176, 35.2437, 53.3618



52.1225, 35.2437, 28.4397

Triad

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



51.8176, 35.2437, 53.3618



29.8210, 35.2437, 8.4157



22.9449, 35.2437, 80.6256

Complementary

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



51.8176, 35.2437, 53.3618



45.6081, 68.9629, 47.4698

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.



19.9409, 35.2437, 50.3889



51.8176, 35.2437, 53.3618



23.4313, 35.2437, 13.3750

Square

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



51.8176, 35.2437, 53.3618



38.3881, 35.2437, 8.6549



20.1024, 35.2437, 26.4942



29.0420, 35.2437, 103.3474

Rectangle

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



51.8176, 35.2437, 53.3618



49.1348, 35.2437, 17.8573



20.1024, 35.2437, 26.4942



21.5900, 35.2437, 70.5559

Sweetspot

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



51.8187, 35.2454, 53.3625



81.6627, 77.0266, 92.7188



38.1025, 27.4439, 85.7276



17.1197, 15.8770, 19.3898



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.



51.8187, 35.2454, 53.3625



55.3170, 34.0981, 53.8390



46.4577, 33.1010, 25.1322



16.1699, 15.9177, 18.4507



22.4781, 11.2637, 15.7000



1.9190, 0.9566, 1.5643

Inverse Universe

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



51.8187, 35.2454, 53.3625



55.3170, 34.0981, 53.8390



52.6084, 71.7630, 84.3331



16.1699, 15.9177, 18.4507



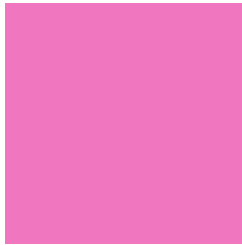
22.4781, 11.2637, 15.7000



1.9190, 0.9566, 1.5643

Previews

White Background



This preview shows how the XYZ color 51.8176, 35.2437, 53.3618 looks on a white background.

Color Contrast Check

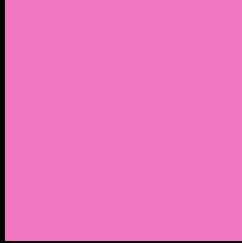
Large Text (above 18pt) WCAG AA × Fail

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 51.8176, 35.2437, 53.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

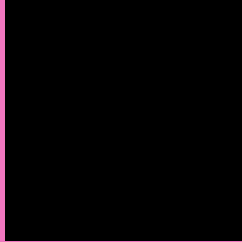
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8176, 35.2437, 53.3618

Background



This preview shows how black text looks on a background with the XYZ color 51.8176, 35.2437, 53.3618.



This preview shows how white text looks on a background with the XYZ color 51.8176, 35.2437,

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

51.8176, 35.2437, 53.3618

Protanopia

36.6441, 35.8032, 72.6895

Deuteranopia

36.3310, 35.6161, 50.8587



Tritanopia

46.6987, 35.1977, 28.3773

Trichromacy



Original Color

51.8176, 35.2437, 53.3618



Protanomaly

39.8420, 34.0149, 64.7872



Deuteranomaly

40.5303, 34.4392, 51.5250



Tritanomaly

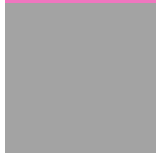
48.3445, 35.1061, 36.1264

Monochromacy



Original Color

51.8176, 35.2437, 53.3618



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

39.4624, 34.9609, 44.2034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8176, 35.2437, 53.3618 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(240, 118, 191)` looks like.

```
.text, #text, p{  
    color:rgb(240, 118, 191)  
}
```

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(240, 118, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 118, 191) }
```

Border

The CSS property to change the border of an element to XYZ 51.8176, 35.2437, 53.3618 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(240, 118, 191) }
```


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

```
.border{ border-color:rgb(240, 118, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 118, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 118, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 118, 191);  
box-shadow:4px 4px 4px 4px rgb(240, 118,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8176, 35.2437, 53.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 118, 191) }
```

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

```
.background{ background-color: rgb(240,  
118, 191) }
```

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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