

Converting Colors

XYZ(53.0430, 26.9764, 61.0154)

Have a look what the booklet for
XYZ(53.0430, 26.9764, 61.0154)
contains.

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Color

**XYZ(53.0115, 26.9780,
60.8058)**

Conversions

Conversions Part 1

Format	Color
Hex	FF24CE
RGB	255, 36, 206
RGB Percent	100%, 14%, 81%
CMY	0.0000, 0.8587, 0.1922
CMYK	0.00, 0.86, 0.19, 0.00
HSL	313°, 100%, 57%
HSV	313°, 86%, 100%
XYZ	53.0115, 26.9780, 60.8058
YIQ	120.8610, 75.9540, 99.2980

Conversions

Conversions Part 2

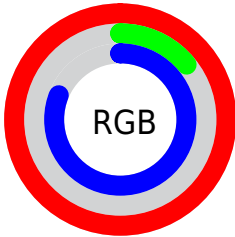
Format	Color
R _Y B	255, 36, 206
Decimal	16721102
CIE _{Lab}	58.95, 88.50, -35.47
CIE _{LCh}	59, 95.339, 338.160
Y _{xy}	26.9780, 0.3765, 0.1916
Android (android.graphics.Color)	429491182 (0xFFFF24CE)
Y _{UV}	120.8610, 41.9735, 117.6399
Hunter-Lab	51.9404, 91.2855, -33.0517

Details

The XYZ color **53.0115, 26.9780, 60.8058** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **38.1288, 72.5516, 20.5928**, and the grayscale version is **17.9844, 18.9210, 20.6050**.

A 20% lighter version of the original color is **65.1951, 40.2903, 98.9484**, and **27.5782, 13.5718, 30.4442** is the 20% darker color. If you saturate the color by 10%, you get **51.8140, 25.6724, 57.0486**, and if you desaturate by 10%, it is **54.7833, 29.3920, 64.8792**.

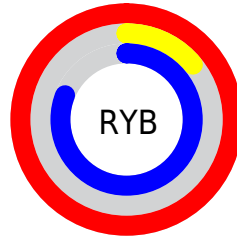
Distribution



Red (100%)

Green (14%)

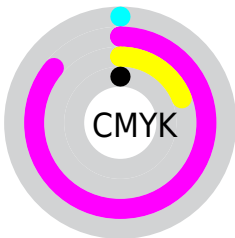
Blue (81%)



Red (100%)

Yellow (14%)

Blue (81%)

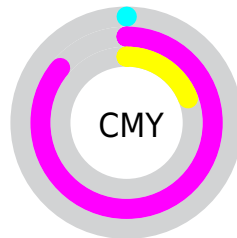


Cyan (0%)

Magenta (86%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (86%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0115, 26.9780, 60.8058 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 53.0115, 26.9780, 60.8058 by changing the saturation by 10% instead.


 53.0115, 26.9780,
60.8058

 53.0115, 26.9780,
60.8058

388.5894,
287.5506, 445.4484


 38.0395, 17.5567,
43.6389


 93.7867, 54.8486,
107.5525


 26.1907, 10.6322,
30.0516


 120.3206, 74.0666,
137.9694


 17.0998, 5.8201,
19.6254


 151.4392, 97.3190,
173.6400

 10.4014, 2.7360,
11.9417

 187.5078,
124.9902, 214.9830

 5.7302, 0.9955,
6.5819

 228.8917,
157.4646, 262.4167

 2.7208, 0.0000,
3.1276

275.9564,

 1.0079, 0.0000,

195.1265, 316.3599

1.1601

329.0672,
238.3604, 377.2309

■ 0.0000, 0.0000,
0.0000

■ 53.0115, 26.9780,
60.8058

■ 53.0115, 26.9780,
60.8058

■ 51.8140, 25.6724,
57.0486

■ 54.7833, 29.3920,
64.8792

■ 51.4262, 25.3345,
55.5696

■ 57.2280, 33.1110,
69.3020

■ 60.4270, 38.2976,
74.1030

■ 64.4497, 45.0902,
79.3066

■ 69.3574, 53.6106,
84.9343

■ 75.2053, 63.9693,
91.0057

■ 82.0442, 76.2673,
97.5391

■ 89.9211, 90.5982,
104.5512

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



42.3800, 26.9780, 115.8798



53.0115, 26.9780, 60.8058



55.3154, 26.9780, 21.0797

Triad

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



53.0115, 26.9780, 60.8058



22.5530, 26.9780, 0.5083



11.6139, 26.9780, 90.6337

Complementary

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



53.0115, 26.9780, 60.8058



38.1288, 72.5516, 20.5928

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.



9.0959, 26.9780, 39.6016



53.0115, 26.9780, 60.8058



14.0181, 26.9780, 2.1750

Square

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



53.0115, 26.9780, 60.8058



35.0479, 26.9780, 0.9193



9.8154, 26.9780, 11.2192



18.0899, 26.9780, 140.4774

Rectangle

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



53.0115, 26.9780, 60.8058



51.3137, 26.9780, 8.1356



9.8154, 26.9780, 11.2192



10.3836, 26.9780, 71.9773

Sweetspot

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



53.0121, 26.9792, 60.8063



75.1258, 63.8273, 90.9266



22.2900, 10.3433, 95.4294



15.6239, 12.8495, 19.0013



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.



53.0121, 26.9792, 60.8063



51.4262, 25.3345, 55.5696



44.0792, 23.4061, 13.7659



18.6085, 18.2267, 21.8214



26.9302, 13.2614, 29.3466



2.6628, 1.3075, 3.0717

Inverse Universe

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



53.0121, 26.9792, 60.8063



51.4262, 25.3345, 55.5696



46.1090, 75.7437, 62.6160



18.6085, 18.2267, 21.8214



26.9302, 13.2614, 29.3466



2.6628, 1.3075, 3.0717

Previews

White Background



This preview shows how the XYZ color 53.0115, 26.9780, 60.8058 looks on a white background.

Color Contrast Check

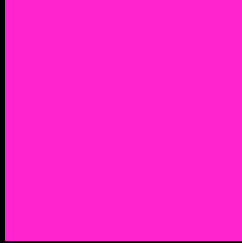
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.0115, 26.9780, 60.8058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

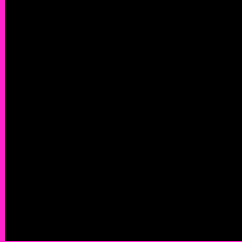
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 53.0115, 26.9780, 60.8058

Background



This preview shows how black text looks on a background with the XYZ color 53.0115, 26.9780, 60.8058.



This preview shows how white text looks on a background with the XYZ color 53.0115, 26.9780,

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

53.0115, 26.9780, 60.8058

Protanopia

31.0289, 27.6165, 98.3029

Deuteranopia

27.8681, 27.1632, 54.8132



Tritanopia

42.8723, 26.8234, 12.8153

Trichromacy



Original Color

53.0115, 26.9780, 60.8058



Protanomaly

32.0701, 21.8202, 82.6422



Deuteranomaly

32.4000, 22.5786, 56.0765



Tritanomaly

45.3677, 25.9674, 24.8114

Monochromacy



Original Color

53.0115, 26.9780, 60.8058



Achromatopsia

18.1737, 19.1202, 20.8219



Achromatomaly

25.9012, 18.1254, 31.8392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0115, 26.9780, 60.8058 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(255, 36, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 36, 206)  
}
```

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(255, 36, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 36, 206) }
```

Border

The CSS property to change the border of an element to XYZ 53.0115, 26.9780, 60.8058 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(255, 36, 206) }
```


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

```
.border{ border-color:rgb(255, 36, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 36, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 36, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 36, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 36,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0115, 26.9780, 60.8058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 36, 206) }
```

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

```
.background{ background-color: rgb(255, 36,  
206) }
```

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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