

Converting Colors

XYZ(35.4006, 18.1704, 24.5631)

Have a look what the booklet for
XYZ(35.4006, 18.1704, 24.5631)
contains.

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Color

**XYZ(35.4006, 18.1704,
24.5631)**

Conversions

Conversions Part 1

Format	Color
Hex	E01687
RGB	224, 22, 135
RGB Percent	88%, 9%, 53%
CMY	0.1216, 0.9136, 0.4706
CMYK	0.00, 0.90, 0.40, 0.12
HSL	326°, 82%, 48%
HSV	326°, 90%, 88%
XYZ	35.4006, 18.1704, 24.5631
YIQ	95.2800, 84.1190, 77.9670

Conversions

Conversions Part 2

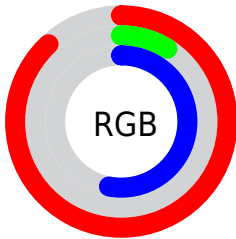
Format	Color
R_{YB}	224, 22, 135
Decimal	14685831
CIE _{Lab}	49.70, 76.55, -8.47
CIE _{LCh}	50, 77.013, 353.685
Yxy	18.1704, 0.4531, 0.2326
Android (android.graphics.Color)	4292875911 (0xFFE01687)
YUV	95.2800, 19.5820, 112.8874
Hunter-Lab	42.6268, 73.6436, -4.3263

Details

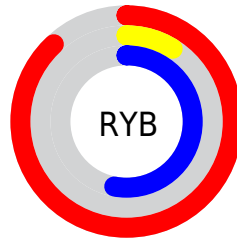
The XYZ color **35.4006, 18.1704, 24.5631** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **29.8579, 54.6305, 24.0177**, and the grayscale version is **10.8881, 11.4551, 12.4746**.

A 20% lighter version of the original color is **54.7789, 33.8145, 51.2166**, and **16.7439, 8.4424, 9.3414** is the 20% darker color. If you saturate the color by 10%, you get **34.4610, 17.3355, 21.0305**, and if you desaturate by 10%, it is **36.7581, 19.7210, 28.6051**.

Distribution



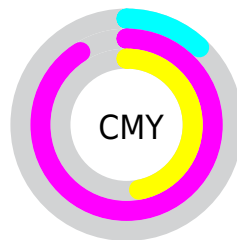
- Red (88%)
- Green (9%)
- Blue (53%)



- Red (88%)
- Yellow (9%)
- Blue (53%)



- Cyan (0%)
- Magenta (90%)
- Yellow (40%)
- Black (12%)





- Cyan (12%)
- Magenta (91%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4006, 18.1704, 24.5631 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 35.4006, 18.1704, 24.5631 by changing the saturation by 10% instead.


 35.4006, 18.1704,
24.5631


 35.4006, 18.1704,
24.5631


317.8102,
241.8298, 289.0328


 24.1396, 11.0724,
15.5358


 67.4358, 40.3275,
51.9029

 15.5625, 6.1155,
9.0455


 88.9408, 56.1553,
71.0524


 9.3040, 2.9155,
4.6737


 114.5911, 75.6619,
94.4131

 4.9987, 1.0878,
2.0017

 144.7520, 99.2316,
122.4035

 2.2812, 0.0000,
0.5563

 179.7891,
127.2489, 155.4421

 0.7850, 0.0000,
0.0000

 220.0676,

 0.0000, 0.0000,

160.0981, 193.9475

0.0000

265.9528,
198.1636, 238.3382

■ 35.4006, 18.1704,
24.5631

■ 35.4006, 18.1704,
24.5631

■ 34.4610, 17.3355,
21.0305

■ 36.7581, 19.7210,
28.6051

■ 38.6321, 22.1990,
33.1454

■ 41.0881, 25.7324,
38.2138

■ 44.1807, 30.4284,
43.8363

■ 47.9582, 36.3805,
50.0363

■ 52.4635, 43.6729,
56.8355

■ 57.7364, 52.3824,
64.2540

■ 63.8133, 62.5798,
72.3108

■ 70.7283, 74.3313,
81.0238

Harmonies

Analogous

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



31.2927, 18.1704, 54.5943



35.4006, 18.1704, 24.5631



33.6531, 18.1704, 7.5989

Triad

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



35.4006, 18.1704, 24.5631



12.2063, 18.1704, 1.0636



10.1979, 18.1704, 73.3621

Complementary

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



35.4006, 18.1704, 24.5631



29.8579, 54.6305, 24.0177

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.



7.3142, 18.1704, 40.8237



35.4006, 18.1704, 24.5631



8.2234, 18.1704, 4.2177

Square

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



35.4006, 18.1704, 24.5631



18.8670, 18.1704, 0.6396



6.7105, 18.1704, 15.6697



15.7665, 18.1704, 93.0960

Rectangle

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



35.4006, 18.1704, 24.5631



29.5942, 18.1704, 2.9527



6.7105, 18.1704, 15.6697



8.9539, 18.1704, 62.7902

Sweetspot

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



35.4011, 18.1714, 24.5634



72.3749, 61.8588, 79.1174



20.1164, 9.2428, 71.2449



14.9995, 12.4338, 16.2250



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.



35.4011, 18.1714, 24.5634



46.1702, 23.2321, 27.8922



31.3387, 16.5465, 3.1707



14.0266, 13.8283, 15.9105



20.1176, 10.1140, 12.5508



1.4393, 0.7190, 1.1059

Inverse Universe

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



35.4011, 18.1714, 24.5634



46.1702, 23.2321, 27.8922



38.6868, 58.1621, 70.5104



14.0266, 13.8283, 15.9105



20.1176, 10.1140, 12.5508



1.4393, 0.7190, 1.1059

Previews

White Background



This preview shows how the XYZ color 35.4006, 18.1704, 24.5631 looks on a white background.

Color Contrast Check

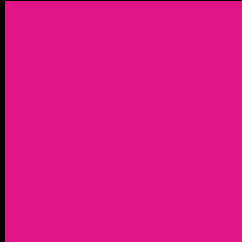
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 35.4006, 18.1704, 24.5631 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 35.4006, 18.1704, 24.5631

Background



This preview shows how black text looks on a background with the XYZ color 35.4006, 18.1704, 24.5631.



This preview shows how white text looks on a background with the XYZ color 35.4006, 18.1704,

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

35.4006, 18.1704, 24.5631

Protanopia

20.0796, 18.7083, 51.8430

Deuteranopia

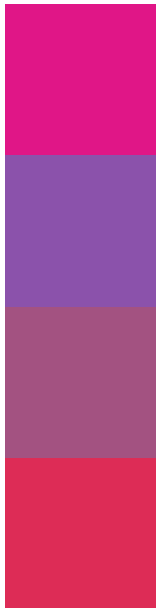
18.8491, 18.5606, 21.9911



Tritanopia

31.3913, 18.1939, 5.8603

Trichromacy



Original Color

35.4006, 18.1704, 24.5631

Protanomaly

21.0154, 14.4638, 40.2122

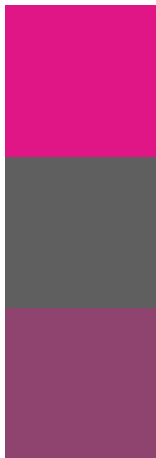
Deuteranomaly

22.0840, 15.4061, 22.5786

Tritanomaly

32.3992, 17.8454, 10.5410

Monochromacy



Original Color

35.4006, 18.1704, 24.5631

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

16.0369, 11.0108, 16.0319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4006, 18.1704, 24.5631 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(224, 22, 135)` looks like.

```
.text, #text, p{  
    color:rgb(224, 22, 135)  
}
```

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(224, 22, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 22, 135) }
```

Border

The CSS property to change the border of an element to XYZ 35.4006, 18.1704, 24.5631 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(224, 22, 135) }
```


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

```
.border{ border-color:rgb(224, 22, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 22, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 22, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 22, 135);  
box-shadow:4px 4px 4px 4px rgb(224, 22,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4006, 18.1704, 24.5631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 22, 135) }
```

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

```
.background{ background-color: rgb(224, 22,  
135) }
```

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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