

Converting Colors

XYZ(35.5418, 18.3179, 21.9767)

Have a look what the booklet for
XYZ(35.5418, 18.3179, 21.9767)
contains.

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Color

**XYZ(35.5667, 18.3401,
22.0875)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E21780 |
| RGB | 226, 23, 128 |
| RGB Percent | 89%, 9%, 50% |
| CMY | 0.1137, 0.9097, 0.4980 |
| CMYK | 0.00, 0.90, 0.43, 0.11 |
| HSL | 329°, 82%, 49% |
| HSV | 329°, 90%, 89% |
| XYZ | 35.5667, 18.3401, 22.0875 |
| YIQ | 95.6670, 87.2830, 75.6910 |

Conversions

Conversions Part 2

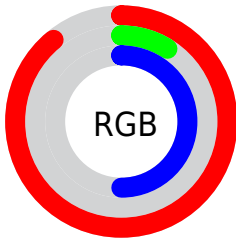
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 226, 23, 128 |
| Decimal | 14817152 |
| CIE _{Lab} | 49.91, 76.23, -3.88 |
| CIE _{LCh} | 50, 76.327, 357.083 |
| Yxy | 18.3401, 0.4680, 0.2413 |
| Android (android.graphics.Color) | 4293007232 (0xFFE21780) |
| YUV | 95.6670, 15.9402, 114.3020 |
| Hunter-Lab | 42.8253, 73.3010, -0.6015 |

Details

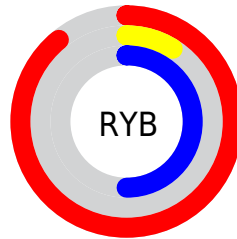
The XYZ color **35.5667, 18.3401, 22.0875** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **31.0032, 55.9562, 27.2648**, and the grayscale version is **10.9892, 11.5615, 12.5905**.

A 20% lighter version of the original color is **54.0423, 33.5199, 47.3377**, and **16.7211, 8.4570, 8.1482** is the 20% darker color. If you saturate the color by 10%, you get **34.5847, 17.4644, 18.4051**, and if you desaturate by 10%, it is **36.9803, 19.9553, 26.2951**.

Distribution



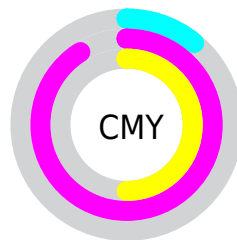
- Red (89%)
- Green (9%)
- Blue (50%)



- Red (89%)
- Yellow (9%)
- Blue (50%)



- Cyan (0%)
- Magenta (90%)
- Yellow (43%)
- Black (11%)




- Cyan (11%)
- Magenta (91%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5667, 18.3401, 22.0875 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 35.5667, 18.3401, 22.0875 by changing the saturation by 10% instead.

 35.5667, 18.3401,
22.0875

 35.5667, 18.3401,
22.0875

318.5271,
242.7811, 275.9713


 24.2683, 11.1944,
13.7223


 67.6910, 40.6160,
47.7946


 15.6586, 6.1978,
7.7912


 89.2476, 56.5150,
65.9736


 9.3722, 2.9657,
3.8758


 114.9543, 76.1006,
88.2609

 5.0438, 1.1139,
1.5575

 145.1765, 99.7572,
115.0751

 2.3080, 0.0000,
0.2602

 180.2795,
127.8691, 146.8347

 0.7988, 0.0000,
0.0000

 220.6287,

 0.0000, 0.0000,

160.8208, 183.9582

0.0000

266.5894,
198.9967, 226.8642

■ 35.5667, 18.3401,
22.0875

■ 35.5667, 18.3401,
22.0875

■ 34.5847, 17.4644,
18.4051

■ 36.9803, 19.9553,
26.2951

■ 34.5679, 17.4503,
18.3394

■ 38.9358, 22.5270,
31.0759

■ 41.5001, 26.1855,
36.4632

■ 44.7296, 31.0399,
42.4863

■ 48.6736, 37.1857,
49.1719

■ 53.3766, 44.7088,
56.5446

■ 58.8794, 53.6875,
64.6274

■ 65.2198, 64.1945,
73.4422

■ 72.4328, 76.2971,
83.0096

Harmonies

Analogous

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



32.0874, 18.3401, 50.7899



35.5667, 18.3401, 22.0875



33.1732, 18.3401, 6.6800

Triad

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



35.5667, 18.3401, 22.0875



11.7852, 18.3401, 1.2968



10.8568, 18.3401, 76.3782

Complementary

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



35.5667, 18.3401, 22.0875



31.0032, 55.9562, 27.2648

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.



7.6756, 18.3401, 44.4646



35.5667, 18.3401, 22.0875



8.0969, 18.3401, 5.1126

Square

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



35.5667, 18.3401, 22.0875



18.1565, 18.3401, 0.6863



6.8277, 18.3401, 17.9910



16.7265, 18.3401, 93.1467

Rectangle

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



35.5667, 18.3401, 22.0875



28.8566, 18.3401, 2.6191



6.8277, 18.3401, 17.9910



9.5077, 18.3401, 66.3137

Sweetspot

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



35.5672, 18.3412, 22.0878



71.9829, 61.7020, 77.0527



21.4715, 9.9389, 72.7380



14.9072, 12.3969, 15.7390



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.



35.5672, 18.3412, 22.0878



45.3966, 22.9227, 23.8185



31.9026, 16.8753, 2.7904



14.0017, 13.8183, 15.7793



19.7814, 9.9796, 10.7805



1.4163, 0.7098, 0.9853

Inverse Universe

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



35.5672, 18.3412, 22.0878



45.3966, 22.9227, 23.8185



40.3673, 59.7019, 76.5755



14.0017, 13.8183, 15.7793



19.7814, 9.9796, 10.7805



1.4163, 0.7098, 0.9853

Previews

White Background



This preview shows how the XYZ color 35.5667, 18.3401, 22.0875 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 35.5667, 18.3401, 22.0875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

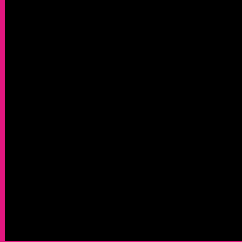
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.5667, 18.3401, 22.0875

Background



This preview shows how black text looks on a background with the XYZ color 35.5667, 18.3401, 22.0875.



This preview shows how white text looks on a background with the XYZ color 35.5667, 18.3401,

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

35.5667, 18.3401, 22.0875

Protanopia

19.7487, 18.8344, 46.3106

Deuteranopia

19.0909, 18.7282, 20.0615



Tritanopia

32.1572, 18.4535, 5.6084

Trichromacy



Original Color

35.5667, 18.3401, 22.0875



Protanomaly

21.1164, 14.7244, 35.9116



Deuteranomaly

22.2560, 15.5467, 20.2401



Tritanomaly

32.8183, 18.0249, 9.7321

Monochromacy



Original Color

35.5667, 18.3401, 22.0875



Achromatopsia

11.1181, 11.6971, 12.7381



Achromatomaly

16.1626, 11.1786, 15.4932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5667, 18.3401, 22.0875 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(226, 23, 128)` looks like.

```
.text, #text, p{  
    color:rgb(226, 23, 128)  
}
```

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(226, 23, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 23, 128) }
```

Border

The CSS property to change the border of an element to XYZ 35.5667, 18.3401, 22.0875 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(226, 23, 128) }
```


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

```
.border{ border-color:rgb(226, 23, 128) }
```

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

Here you see how a box with a 4 pixel rgb(226, 23, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 23, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 23, 128);  
box-shadow:4px 4px 4px 4px rgb(226, 23,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5667, 18.3401, 22.0875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 23, 128) }
```

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

```
.background{ background-color: rgb(226, 23,  
128) }
```

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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