

Converting Colors

XYZ(35.5449, 18.5478, 22.8258)

Have a look what the booklet for
XYZ(35.5449, 18.5478, 22.8258)
contains.

XYZ(35.5449, 18.5478, 22.8258)	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(35.5449, 18.5478,
22.8258)**

Conversions

Conversions Part 1

Format	Color
Hex	E11E82
RGB	225, 30, 130
RGB Percent	88%, 12%, 51%
CMY	0.1176, 0.8823, 0.4902
CMYK	0.00, 0.87, 0.42, 0.12
HSL	329°, 76%, 50%
HSV	329°, 87%, 88%
XYZ	35.5449, 18.5478, 22.8258
YIQ	99.7050, 84.1200, 72.4400

Conversions

Conversions Part 2

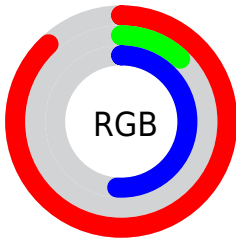
Format	Color
R_{YB}	225, 30, 130
Decimal	14753410
CIE _{Lab}	50.15, 75.09, -4.75
CIE _{LCh}	50, 75.237, 356.379
Yxy	18.5478, 0.4621, 0.2411
Android (android.graphics.Color)	4292943490 (0xFFE11E82)
YUV	99.7050, 14.9354, 109.8837
Hunter-Lab	43.0672, 71.9551, -1.2770

Details

The XYZ color **35.5449, 18.5478, 22.8258** 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 **31.1642, 55.6079, 28.4997**, and the grayscale version is **11.9890, 12.6134, 13.7359**.

A 20% lighter version of the original color is **54.5386, 34.1816, 48.5230**, and **16.7950, 8.4866, 8.5375** is the 20% darker color. If you saturate the color by 10%, you get **34.4650, 17.5036, 19.0267**, and if you desaturate by 10%, it is **37.1077, 20.4323, 27.1729**.

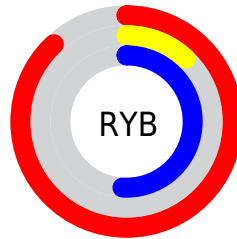
Distribution



Red (88%)

Green (12%)

Blue (51%)



Red (88%)

Yellow (12%)

Blue (51%)

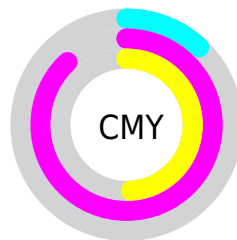


Cyan (0%)

Magenta (87%)

Yellow (42%)

Black (12%)



Cyan (12%)


Magenta (88%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5449, 18.5478, 22.8258 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 35.5449, 18.5478, 22.8258 by changing the saturation by 10% instead.

 35.5449, 18.5478,
22.8258


 35.5449, 18.5478,
22.8258


318.4330,
243.9409, 279.9219


 24.2514, 11.3440,
14.2608


 67.6575, 40.9686,
49.0267


 15.6460, 6.2987,
8.1615


 89.2074, 56.9543,
67.4997


 9.3632, 3.0276,
4.1092


 114.9067, 76.6362,
90.1125

 5.0379, 1.1461,
1.6854

 145.1208,
100.3985, 117.2836

 2.3045, 0.0170,
0.3507

 180.2152,
128.6258, 149.4315

 0.7970, 0.0000,
0.0000

 220.5551,

 0.0000, 0.0000,

161.7023, 186.9749

0.0000

266.5059,
200.0126, 230.3321

■ 35.5449, 18.5478,
22.8258

■ 35.5449, 18.5478,
22.8258

■ 34.4650, 17.5036,
19.0267

■ 37.1077, 20.4323,
27.1729

■ 34.1674, 17.2540,
17.8621

■ 39.2302, 23.3071,
32.1050

■ 41.9752, 27.2939,
37.6538

■ 45.3958, 32.4957,
43.8480

■ 49.5393, 39.0038,
50.7134

■ 54.4486, 46.9007,
58.2742

■ 60.1629, 56.2618,
66.5530

■ 66.7189, 67.1574,
75.5714

■ 74.1508, 79.6528,
85.3496

Harmonies

Analogous

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



31.9895, 18.5478, 51.3893



35.5449, 18.5478, 22.8258



33.3185, 18.5478, 7.1344

Triad

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



35.5449, 18.5478, 22.8258



12.1274, 18.5478, 1.3823



10.9765, 18.5478, 75.1018

Complementary

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



35.5449, 18.5478, 22.8258



31.1642, 55.6079, 28.4997

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.



7.8499, 18.5478, 43.6647



35.5449, 18.5478, 22.8258



8.3751, 18.5478, 5.1653

Square

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



35.5449, 18.5478, 22.8258



18.5251, 18.5478, 0.7960



7.0478, 18.5478, 17.7753



16.7625, 18.5478, 92.0988

Rectangle

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



35.5449, 18.5478, 22.8258



29.1148, 18.5478, 2.8804



7.0478, 18.5478, 17.7753



9.6482, 18.5478, 65.1411

Sweetspot

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



35.5454, 18.5489, 22.8261



72.6515, 62.8376, 77.8976



22.4053, 10.6704, 72.1128



15.0344, 12.6137, 15.8973



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.



35.5454, 18.5489, 22.8261



45.3203, 22.8921, 23.4163



31.7944, 17.0485, 3.0737



13.9991, 13.8173, 15.7656



19.7481, 9.9663, 10.6053



1.4140, 0.7089, 0.9732

Inverse Universe

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



35.5454, 18.5489, 22.8261



45.3203, 22.8921, 23.4163



40.6126, 59.3873, 78.2543



13.9991, 13.8173, 15.7656



19.7481, 9.9663, 10.6053



1.4140, 0.7089, 0.9732

Previews

White Background



This preview shows how the XYZ color 35.5449, 18.5478, 22.8258 looks on a white background.

Color Contrast Check

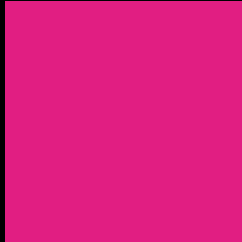
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5449, 18.5478, 22.8258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

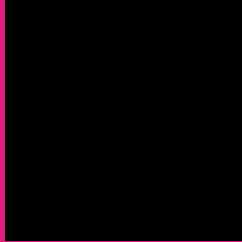
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.5449, 18.5478, 22.8258

Background



This preview shows how black text looks on a background with the XYZ color 35.5449, 18.5478, 22.8258.



This preview shows how white text looks on a background with the XYZ color 35.5449, 18.5478,

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

35.5449, 18.5478, 22.8258

Protanopia

19.9589, 18.9309, 46.8581

Deuteranopia

19.0567, 18.6966, 20.6936



Tritanopia

32.0713, 18.6142, 6.0402

Trichromacy



Original Color

35.5449, 18.5478, 22.8258



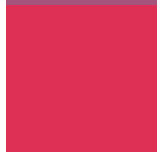
Protanomaly

21.4402, 15.2292, 36.4598



Deuteranomaly

22.4036, 15.9516, 20.9669



Tritanomaly

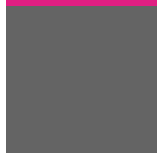
32.7804, 18.2185, 10.3831

Monochromacy



Original Color

35.5449, 18.5478, 22.8258



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

17.0624, 12.1996, 16.4944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5449, 18.5478, 22.8258 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(225, 30, 130)` looks like.

```
.text, #text, p{  
    color:rgb(225, 30, 130)  
}
```

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(225, 30, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 30, 130) }
```

Border

The CSS property to change the border of an element to XYZ 35.5449, 18.5478, 22.8258 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(225, 30, 130) }
```


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

```
.border{ border-color:rgb(225, 30, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 30, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 30, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 30, 130);  
box-shadow:4px 4px 4px 4px rgb(225, 30,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5449, 18.5478, 22.8258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 30, 130) }
```

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

```
.background{ background-color: rgb(225, 30,  
130) }
```

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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