

Converting Colors

XYZ(39.5010, 25.3165, 21.5326)

Have a look what the booklet for
XYZ(39.5010, 25.3165, 21.5326)
contains.

XYZ(39.5444, 25.4004, 21.5574)	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(39.5444, 25.4004,
21.5574)**

Conversions

Conversions Part 1

Format	Color
Hex	E55A7B
RGB	229, 90, 123
RGB Percent	90%, 35%, 48%
CMY	0.1020, 0.6470, 0.5176
CMYK	0.00, 0.61, 0.46, 0.10
HSL	346°, 73%, 63%
HSV	346°, 61%, 90%
XYZ	39.5444, 25.4004, 21.5574
YIQ	135.3230, 72.2510, 39.7310

Conversions

Conversions Part 2

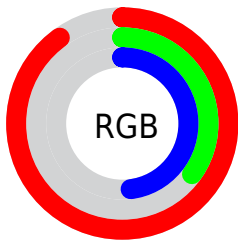
Format	Color
R_{YB}	229, 90, 123
Decimal	15030907
CIE Lab	57.46, 56.61, 10.09
CIE LCh	57, 57.506, 10.110
Yxy	25.4004, 0.4571, 0.2936
Android (android.graphics.Color)	4293220987 (0xFFE55A7B)
YUV	135.3230, -6.0752, 82.1547
Hunter-Lab	50.3988, 51.8585, 9.9187

Details

The XYZ color **39.5444, 25.4004, 21.5574** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **42.2012, 62.1984, 62.0103**, and the grayscale version is **23.1532, 24.3590, 26.5269**.

A 20% lighter version of the original color is **59.2567, 44.9129, 46.1033**, and **18.0716, 9.8217, 7.5999** is the 20% darker color. If you saturate the color by 10%, you get **36.9041, 21.7162, 15.7562**, and if you desaturate by 10%, it is **42.9759, 30.3550, 28.5850**.

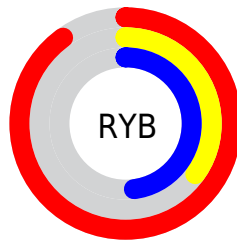
Distribution



Red (90%)

Green (35%)

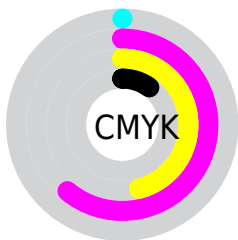
Blue (48%)



Red (90%)

Yellow (35%)

Blue (48%)

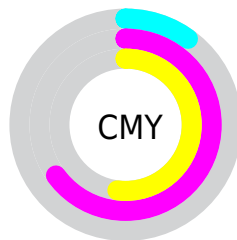


Cyan (0%)

Magenta (61%)

Yellow (46%)

Black (10%)



Cyan (10%)


Magenta (65%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5444, 25.4004, 21.5574 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 39.5444, 25.4004, 21.5574 by changing the saturation by 10% instead.

 39.5444, 25.4004,
21.5574


 39.5444, 25.4004,
21.5574


335.3670,
279.8261, 273.1038


 27.3661, 16.3756,
13.3369


 73.7580, 52.3060,
46.9061


 17.9864, 9.7903,
7.5275


 96.5240, 70.9557,
64.8714

 11.0398, 5.2602,
3.7107


 123.5500, 93.5824,
86.9220

 6.1611, 2.4007,
1.4680

 155.2014,
120.5706, 113.4765

 2.9849, 0.8263,
0.1939

191.8434,
152.3047, 144.9534

 1.1458, 0.0000,
0.0000

233.8414,

 0.0629, 0.0000,

189.1691, 181.7712

0.0000

281.5608,
231.5481, 224.3485

■ 0.0000, 0.0000,
0.0000

■ 39.5444, 25.4004,
21.5574

■ 39.5444, 25.4004,
21.5574

■ 36.9041, 21.7162,
15.7562

■ 42.9759, 30.3550,
28.5850

■ 34.9859, 19.1807,
11.1065

■ 47.2556, 36.6785,
36.9047

■ 33.7117, 17.6556,
7.5265

■ 52.4376, 44.4646,
46.5790

■ 32.9873, 16.9277,
5.0629

■ 58.5706, 53.7975,
57.6657

■ 65.6999, 64.7549,
70.2193

■ 73.8677, 77.4092,
84.2913

■ 83.1141, 91.8287,
99.9307

■ 86.1230, 95.3980,
108.4822

Harmonies

Analogous

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



38.7433, 25.4004, 42.5544



39.5444, 25.4004, 21.5574



35.6640, 25.4004, 9.7944

Triad

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



39.5444, 25.4004, 21.5574



16.6211, 25.4004, 7.6925



19.9381, 25.4004, 80.3546

Complementary

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



39.5444, 25.4004, 21.5574



42.2012, 62.1984, 62.0103

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.



15.4151, 25.4004, 59.7164



39.5444, 25.4004, 21.5574



13.7657, 25.4004, 16.7184

Square

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



39.5444, 25.4004, 21.5574



21.9063, 25.4004, 4.6779



13.3705, 25.4004, 34.8100



26.5255, 25.4004, 83.7871

Rectangle

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



39.5444, 25.4004, 21.5574



31.3082, 25.4004, 6.1663



13.3705, 25.4004, 34.8100



18.1628, 25.4004, 74.8578

Sweetspot

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



39.5451, 25.4018, 21.5578



76.9826, 72.0771, 77.5617



40.1125, 24.4735, 76.7382



15.9388, 14.6026, 15.6437



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.



39.5451, 25.4018, 21.5578



46.3416, 26.6909, 18.3429



41.4616, 32.0019, 13.6664



14.5165, 14.4238, 15.6543



18.8996, 9.6941, 3.1004



1.4323, 0.7306, 0.4168

Inverse Universe

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



39.5451, 25.4018, 21.5578



46.3416, 26.6909, 18.3429



37.7080, 46.5270, 81.1217



14.5165, 14.4238, 15.6543



18.8996, 9.6941, 3.1004



1.4323, 0.7306, 0.4168

Previews

White Background



This preview shows how the XYZ color 39.5444, 25.4004, 21.5574 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 39.5444, 25.4004, 21.5574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

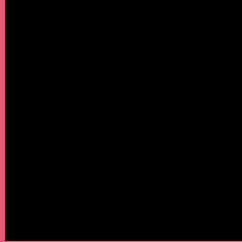
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.5444, 25.4004, 21.5574

Background



This preview shows how black text looks on a background with the XYZ color 39.5444, 25.4004, 21.5574.



This preview shows how white text looks on a background with the XYZ color 39.5444, 25.4004,

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

39.5444, 25.4004, 21.5574

Protanopia

24.9945, 25.7502, 32.0867

Deuteranopia

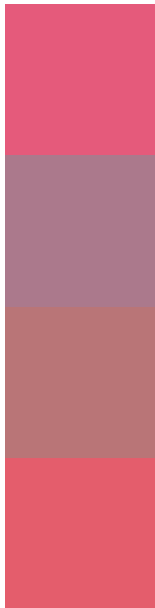
26.0371, 25.5096, 20.0745



Tritanopia

38.2979, 25.4195, 14.9445

Trichromacy



Original Color

39.5444, 25.4004, 21.5574

Protanomaly

28.3656, 24.2261, 27.9920

Deuteranomaly

29.6986, 24.3688, 20.5911

Tritanomaly

38.6160, 25.4054, 17.0558

Monochromacy



Original Color

39.5444, 25.4004, 21.5574

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

27.0557, 23.2674, 24.5378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5444, 25.4004, 21.5574 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(229, 90, 123)` looks like.

```
.text, #text, p{  
    color:rgb(229, 90, 123)  
}
```

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(229, 90, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 90, 123) }
```

Border

The CSS property to change the border of an element to XYZ 39.5444, 25.4004, 21.5574 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(229, 90, 123) }
```


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

```
.border{ border-color:rgb(229, 90, 123) }
```

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

Here you see how a box with a 4 pixel rgb(229, 90, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 90, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 90, 123);  
box-shadow:4px 4px 4px 4px rgb(229, 90,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5444, 25.4004, 21.5574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 90, 123) }
```

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

```
.background{ background-color: rgb(229, 90,  
123) }
```

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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