

Converting Colors

XYZ(39.5048, 27.6786, 25.4897)

Have a look what the booklet for
XYZ(39.5048, 27.6786, 25.4897)
contains.

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Color

**XYZ(39.6155, 27.7384,
25.4564)**

Conversions

Conversions Part 1

Format	Color
Hex	DE6B85
RGB	222, 107, 133
RGB Percent	87%, 42%, 52%
CMY	0.1294, 0.5804, 0.4784
CMYK	0.00, 0.52, 0.40, 0.13
HSL	346°, 64%, 65%
HSV	346°, 52%, 87%
XYZ	39.6155, 27.7384, 25.4564
YIQ	144.3490, 60.1940, 32.4660

Conversions

Conversions Part 2

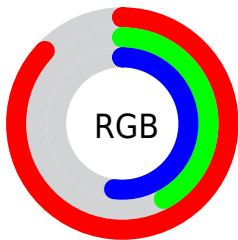
Format	Color
R _{YB}	222, 107, 133
Decimal	14576517
CIE Lab	59.65, 47.41, 7.22
CIE LCh	60, 47.953, 8.666
Yxy	27.7384, 0.4268, 0.2989
Android (android.graphics.Color)	4292766597 (0xFFDE6B85)
YUV	144.3490, -5.5951, 68.0999
Hunter-Lab	52.6673, 42.0973, 8.2096

Details

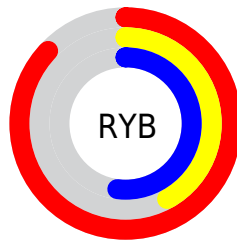
The XYZ color **39.6155, 27.7384, 25.4564** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **42.1499, 59.3545, 61.4630**, and the grayscale version is **26.6557, 28.0438, 30.5397**.

A 20% lighter version of the original color is **62.8478, 50.2949, 52.8498**, and **18.0237, 11.0650, 9.5733** is the 20% darker color. If you saturate the color by 10%, you get **36.4993, 23.2529, 19.0324**, and if you desaturate by 10%, it is **43.5214, 33.4925, 33.1021**.

Distribution



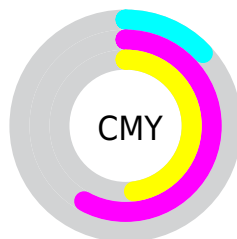
- Red (87%)
- Green (42%)
- Blue (52%)



- Red (87%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (52%)
- Yellow (40%)
- Black (13%)





- Cyan (13%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6155, 27.7384, 25.4564 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 39.6155, 27.7384, 25.4564 by changing the saturation by 10% instead.


 39.6155, 27.7384,
25.4564


 39.6155, 27.7384,
25.4564


335.6626,
291.2148, 293.6234


 27.4218, 18.1286,
16.1953


 73.8657, 56.0665,
53.3699


 18.0285, 11.0423,
9.5066

 96.6529, 75.5536,
72.8595

 11.0702, 6.0953,
4.9718


 123.7020, 99.1018,
96.5956

 6.1817, 2.9031,
2.1723

 155.3782,
127.0957, 124.9968

 2.9976, 1.0814,
0.6583

192.0471,
159.9195, 158.4816

 1.1525, 0.0000,
0.0000

234.0738,


 0.0684, 0.0000,


197.9577, 197.4686


0.0000


281.8239,
241.5946, 242.3764


 0.0000, 0.0000,
0.0000


 39.6155, 27.7384,
25.4564


 39.6155, 27.7384,
25.4564


 36.4993, 23.2529,
19.0324


 43.5214, 33.4925,
33.1021


 34.1148, 19.9351,
13.7635


 48.2651, 40.5974,
42.0282


 32.3991, 17.6757,
9.5786

 53.8934, 49.1335,
52.2912

 31.2771, 16.3422,
6.3973

 60.4489, 59.1736,
63.9438

 30.7038, 15.7614,
4.4623

 67.9715, 70.7855,
77.0357

■ 76.4986, 84.0329,
91.6142

■ 83.6573, 94.1588,
106.9217

■ 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



38.7504, 27.7384, 44.0143



39.6155, 27.7384, 25.4564



36.5289, 27.7384, 13.8050

Triad

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



39.6155, 27.7384, 25.4564



19.7449, 27.7384, 10.9449



22.3553, 27.7384, 73.0688

Complementary

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



39.6155, 27.7384, 25.4564



42.1499, 59.3545, 61.4630

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.



18.2857, 27.7384, 56.1604



39.6155, 27.7384, 25.4564



16.9467, 27.7384, 19.6323

Square

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



39.6155, 27.7384, 25.4564



24.6506, 27.7384, 7.7903



16.4567, 27.7384, 35.5044



28.1561, 27.7384, 76.5512

Rectangle

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



39.6155, 27.7384, 25.4564



32.8874, 27.7384, 9.7494



16.4567, 27.7384, 35.5044



20.7667, 27.7384, 68.5244

Sweetspot

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



39.6162, 27.7398, 25.4569



78.7136, 74.8050, 80.4014



40.9923, 27.4152, 72.2383



16.4516, 15.4046, 16.5041



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.



39.6162, 27.7398, 25.4569



49.7142, 31.4744, 25.5145



41.8198, 34.6741, 18.4004



13.8335, 13.7510, 14.8934



18.2723, 9.3759, 2.8340



1.3004, 0.6634, 0.3747

Inverse Universe

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



39.6162, 27.7398, 25.4569



49.7142, 31.4744, 25.5145



37.9529, 45.8080, 75.9486



13.8335, 13.7510, 14.8934



18.2723, 9.3759, 2.8340



1.3004, 0.6634, 0.3747

Previews

White Background



This preview shows how the XYZ color 39.6155, 27.7384, 25.4564 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 39.6155, 27.7384, 25.4564 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 39.6155, 27.7384, 25.4564

Background



This preview shows how black text looks on a background with the XYZ color 39.6155, 27.7384, 25.4564.



This preview shows how white text looks on a background with the XYZ color 39.6155, 27.7384,

25.4564.

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

39.6155, 27.7384, 25.4564

Protanopia

27.0738, 27.8741, 34.0903

Deuteranopia

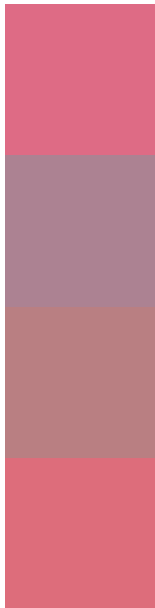
28.4387, 27.9163, 24.3116



Tritanopia

38.6647, 27.8320, 20.4738

Trichromacy



Original Color

39.6155, 27.7384, 25.4564

Protanomaly

30.1842, 26.8112, 30.7783

Deuteranomaly

31.6262, 27.1047, 24.6839

Tritanomaly

38.8626, 27.7395, 22.0449

Monochromacy



Original Color

39.6155, 27.7384, 25.4564

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.8632, 26.8967, 28.4286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6155, 27.7384, 25.4564 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(222, 107, 133)` looks like.

```
.text, #text, p{  
    color:rgb(222, 107, 133)  
}
```

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(222, 107, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 107, 133) }
```

Border

The CSS property to change the border of an element to XYZ 39.6155, 27.7384, 25.4564 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(222, 107, 133) }
```


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

```
.border{ border-color:rgb(222, 107, 133) }
```

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

Here you see how a box with a 4 pixel rgb(222, 107, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 107, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 107, 133);  
box-shadow:4px 4px 4px 4px rgb(222, 107,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6155, 27.7384, 25.4564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 107, 133) }
```

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

```
.background{ background-color: rgb(222,  
107, 133) }
```

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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