

Converting Colors

XYZ(40.5474, 25.2867, 20.5528)

Have a look what the booklet for
XYZ(40.5474, 25.2867, 20.5528)
contains.

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Color

**XYZ(40.5703, 25.3455,
20.5232)**

Conversions

Conversions Part 1

Format	Color
Hex	EA5578
RGB	234, 85, 120
RGB Percent	92%, 33%, 47%
CMY	0.0824, 0.6666, 0.5294
CMYK	0.00, 0.64, 0.49, 0.08
HSL	346°, 78%, 63%
HSV	346°, 64%, 92%
XYZ	40.5703, 25.3455, 20.5232
YIQ	133.5410, 77.5690, 42.4730

Conversions

Conversions Part 2

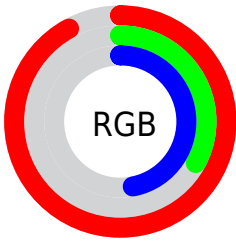
Format	Color
R_{YB}	234, 85, 120
Decimal	15357304
CIE _{Lab}	57.41, 60.04, 11.90
CIE _{LCh}	57, 61.210, 11.208
Yxy	25.3455, 0.4694, 0.2932
Android (android.graphics.Color)	4293547384 (0xFFEA5578)
YUV	133.5410, -6.6757, 88.1025
Hunter-Lab	50.3443, 55.7429, 11.0711

Details

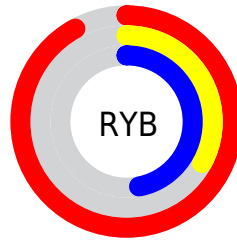
The XYZ color **40.5703, 25.3455, 20.5232** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **43.4796, 64.9010, 64.2733**, and the grayscale version is **22.4967, 23.6683, 25.7748**.

A 20% lighter version of the original color is **58.3594, 43.5846, 44.3665**, and **18.6196, 9.7847, 7.0382** is the 20% darker color. If you saturate the color by 10%, you get **38.0360, 21.8565, 14.8094**, and if you desaturate by 10%, it is **43.9179, 30.1362, 27.5109**.

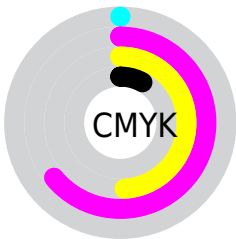
Distribution



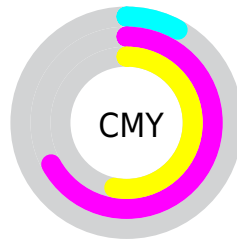
- Red (92%)
- Green (33%)
- Blue (47%)



- Red (92%)
- Yellow (33%)
- Blue (47%)



- Cyan (0%)
- Magenta (64%)
- Yellow (49%)
- Black (8%)




- Cyan (8%)
- Magenta (67%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5703, 25.3455, 20.5232 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 40.5703, 25.3455, 20.5232 by changing the saturation by 10% instead.

 40.5703, 25.3455,
20.5232


 40.5703, 25.3455,
20.5232


339.6148,
279.5542, 267.4309


 28.1697, 16.3347,
12.5881

 75.3100, 52.2172,
45.1631


 18.5947, 9.7613,
7.0181


 98.3798, 70.8468,
62.7049

 11.4801, 5.2410,
3.3948


 125.7366, 93.4514,
84.2861

 6.4604, 2.3893,
1.2996

 157.7460,
120.4155, 110.3252

 3.1703, 0.8204,
0.0615

194.7731,
152.1235, 141.2406

 1.2444, 0.0000,
0.0000

237.1834,

 0.1410, 0.0000,

188.9596, 177.4511

0.0000

285.3422,
231.3084, 219.3750

■ 0.0000, 0.0000,
0.0000

■ 40.5703, 25.3455,
20.5232

■ 40.5703, 25.3455,
20.5232

■ 38.0360, 21.8565,
14.8094

■ 43.9179, 30.1362,
27.5109

■ 36.2391, 19.5351,
10.2876

■ 48.1415, 36.3370,
35.8443

■ 35.0915, 18.2254,
6.8672

■ 53.2998, 44.0496,
45.5914

■ 34.6200, 17.7678,
5.2138

■ 59.4455, 53.3649,
56.8149

■ 66.6276, 64.3670,
69.5736

74.8915, 77.1338,
83.9232

84.2802, 91.7385,
99.9165

87.7415, 96.2323,
108.5580

Harmonies

Analogous

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



39.8967, 25.3455, 42.6079



40.5703, 25.3455, 20.5232



36.2125, 25.3455, 8.7312

Triad

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



40.5703, 25.3455, 20.5232



16.0040, 25.3455, 7.1055



19.8615, 25.3455, 85.5021

Complementary

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



40.5703, 25.3455, 20.5232



43.4796, 64.9010, 64.2733

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.



15.0290, 25.3455, 63.2698



40.5703, 25.3455, 20.5232



13.1310, 25.3455, 16.6044

Square

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



40.5703, 25.3455, 20.5232



21.4737, 25.3455, 4.0075



12.8143, 25.3455, 36.1338



26.9110, 25.3455, 88.4481

Rectangle

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



40.5703, 25.3455, 20.5232



31.4701, 25.3455, 5.2789



12.8143, 25.3455, 36.1338



17.9648, 25.3455, 79.6570

Sweetspot

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



40.5710, 25.3469, 20.5236



76.0895, 70.7261, 75.9220



41.0615, 24.2758, 80.3630



15.7641, 14.3399, 15.3184



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.



40.5710, 25.3469, 20.5236



45.5583, 25.6744, 16.3860



42.5627, 32.1306, 12.5548



15.2104, 15.1120, 16.3934



19.4951, 10.0007, 3.1425



1.5672, 0.7999, 0.4384

Inverse Universe

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



40.5710, 25.3469, 20.5236



45.5583, 25.6744, 16.3860



38.5083, 47.6922, 85.0174



15.2104, 15.1120, 16.3934



19.4951, 10.0007, 3.1425



1.5672, 0.7999, 0.4384

Previews

White Background



This preview shows how the XYZ color 40.5703, 25.3455, 20.5232 looks on a white background.

Color Contrast Check

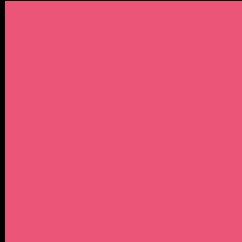
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.5703, 25.3455, 20.5232 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 40.5703, 25.3455, 20.5232

Background



This preview shows how black text looks on a background with the XYZ color 40.5703, 25.3455, 20.5232.

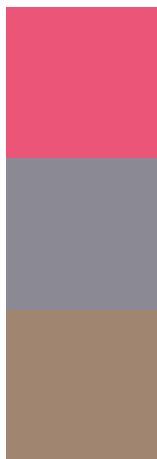


This preview shows how white text looks on a background with the XYZ color 40.5703, 25.3455,

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

40.5703, 25.3455, 20.5232

Protanopia

24.7722, 25.4327, 31.6203

Deuteranopia

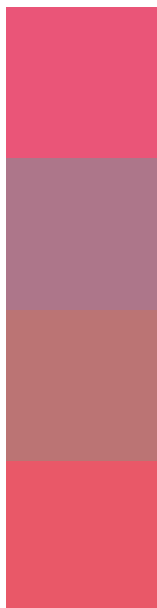
25.8654, 25.4409, 19.1701



Tritanopia

39.0004, 25.2944, 13.6532

Trichromacy



Original Color

40.5703, 25.3455, 20.5232

Protanomaly

28.2995, 23.6761, 27.1232

Deuteranomaly

29.8913, 24.3165, 19.6411

Tritanomaly

39.5927, 25.3026, 15.8938

Monochromacy



Original Color

40.5703, 25.3455, 20.5232

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

26.7854, 22.6218, 23.7236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5703, 25.3455, 20.5232 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(234, 85, 120)` looks like.

```
.text, #text, p{  
    color:rgb(234, 85, 120)  
}
```

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(234, 85, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 85, 120) }
```

Border

The CSS property to change the border of an element to XYZ 40.5703, 25.3455, 20.5232 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(234, 85, 120) }
```


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

```
.border{ border-color:rgb(234, 85, 120) }
```

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

Here you see how a box with a 4 pixel rgb(234, 85, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 85, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 85, 120);  
box-shadow:4px 4px 4px 4px rgb(234, 85,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5703, 25.3455, 20.5232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 85, 120) }
```

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

```
.background{ background-color: rgb(234, 85,  
120) }
```

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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