

Converting Colors

XYZ(45.3845, 32.6714, 35.5412)

Have a look what the booklet for
XYZ(45.3845, 32.6714, 35.5412)
contains.

XYZ(45.3503, 32.6562, 35.3655)	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(45.3503, 32.6562,
35.3655)**

Conversions

Conversions Part 1

Format	Color
Hex	E6789C
RGB	230, 120, 156
RGB Percent	90%, 47%, 61%
CMY	0.0980, 0.5294, 0.3882
CMYK	0.00, 0.48, 0.32, 0.10
HSL	340°, 69%, 69%
HSV	340°, 48%, 90%
XYZ	45.3503, 32.6562, 35.3655
YIQ	156.9940, 54.0040, 34.5160

Conversions

Conversions Part 2

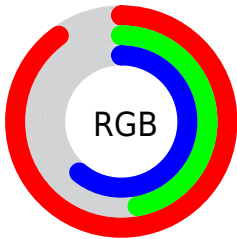
Format	Color
R_{YB}	230, 120, 156
Decimal	15104156
CIE _{Lab}	63.88, 46.39, 0.25
CIE _{LCh}	64, 46.390, 0.306
Yxy	32.6562, 0.4000, 0.2880
Android (android.graphics.Color)	4293294236 (0xFFE6789C)
YUV	156.9940, -0.4900, 64.0263
Hunter-Lab	57.1456, 41.6514, 3.3093

Details

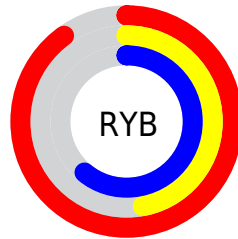
The XYZ color **45.3503, 32.6562, 35.3655** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **45.7817, 64.4825, 61.0758**, and the grayscale version is **32.0312, 33.6993, 36.6985**.

A 20% lighter version of the original color is **68.2028, 56.5731, 68.2978**, and **21.5702, 13.8049, 14.8923** is the 20% darker color. If you saturate the color by 10%, you get **41.6810, 27.2826, 28.0845**, and if you desaturate by 10%, it is **49.8526, 39.4283, 43.7484**.

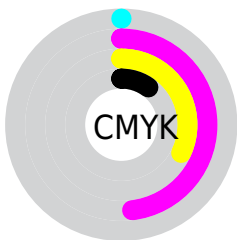
Distribution



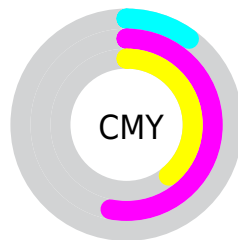
- Red (90%)
- Green (47%)
- Blue (61%)



- Red (90%)
- Yellow (47%)
- Blue (61%)



- Cyan (0%)
- Magenta (48%)
- Yellow (32%)
- Black (10%)




- Cyan (10%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3503, 32.6562, 35.3655 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 45.3503, 32.6562, 35.3655 by changing the saturation by 10% instead.


 45.3503, 32.6562,
35.3655


 45.3503, 32.6562,
35.3655


358.9503,
314.0977, 341.1318


 31.9359, 21.8632,
23.6588


 82.4797, 63.8384,
69.2096

 21.4678, 13.7564,
14.8708


 106.9253, 84.9964,
92.1840

 13.5808, 7.9514,
8.5832

 135.7788,
110.3782, 119.7514

 7.9094, 4.0639,
4.3772


169.4054,
140.3681, 152.3303

 4.0884, 1.7094,
1.8345

208.1704,
175.3507, 190.3393

 1.7523, 0.4297,
0.4506

252.4394,

 0.4886, 0.0000,

215.7102, 234.1968

0.0000

302.5776,
261.8311, 284.3215

■ 0.0000, 0.0000,
0.0000

■ 45.3503, 32.6562,
35.3655

■ 45.3503, 32.6562,
35.3655

■ 41.6810, 27.2826,
28.0845

■ 49.8526, 39.4283,
43.7484

■ 38.7875, 23.2035,
21.8544

■ 55.2346, 47.6834,
53.2770

■ 36.6089, 20.3079,
16.6226


■ 61.5428, 57.5052,
63.9949


■ 35.0737, 18.4639,
12.3301


■ 68.8194, 68.9697,
75.9428

■ 34.0854, 17.4909,
8.9069

■ 77.1040, 82.1477,
89.1591

 33.9122, 17.3346,
8.2628

 85.4673, 95.1727,
103.3587

 86.4431, 95.5630,
108.4972

Harmonies

Analogous

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



43.2622, 32.6562, 56.4903



45.3503, 32.6562, 35.3655



43.1786, 32.6562, 20.3334

Triad

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



45.3503, 32.6562, 35.3655



25.1287, 32.6562, 12.6835



25.2296, 32.6562, 76.7916

Complementary

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



45.3503, 32.6562, 35.3655



45.7817, 64.4825, 61.0758

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.



21.4186, 32.6562, 56.9441



45.3503, 32.6562, 35.3655



21.3663, 32.6562, 20.5632

Square

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



45.3503, 32.6562, 35.3655



30.9718, 32.6562, 10.3709



20.1076, 32.6562, 35.7493



31.1058, 32.6562, 84.9466

Rectangle

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



45.3503, 32.6562, 35.3655



39.7607, 32.6562, 14.4567



20.1076, 32.6562, 35.7493



23.6957, 32.6562, 70.9881

Sweetspot

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



45.3512, 32.6578, 35.3661



81.0712, 77.8482, 86.3416



43.0781, 30.5293, 78.4852



16.9391, 16.0130, 17.7966



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.



45.3512, 32.6578, 35.3661



52.8824, 34.7781, 35.9199



45.1609, 36.4535, 22.4274



14.5705, 14.4454, 15.9385



19.2493, 9.8339, 4.9418



1.4640, 0.7433, 0.5840

Inverse Universe

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



45.3512, 32.6578, 35.3661



52.8824, 34.7781, 35.9199



45.4901, 56.6277, 83.3956



14.5705, 14.4454, 15.9385



19.2493, 9.8339, 4.9418



1.4640, 0.7433, 0.5840

Previews

White Background



This preview shows how the XYZ color 45.3503, 32.6562, 35.3655 looks on a white background.

Color Contrast Check

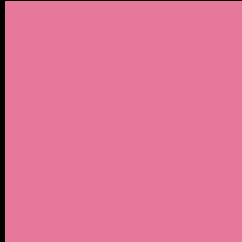
Large Text (above 18pt) WCAG AA × Fail

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 45.3503, 32.6562, 35.3655 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 ✓ Pass

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

XYZ 45.3503, 32.6562, 35.3655

Background



This preview shows how black text looks on a background with the XYZ color 45.3503, 32.6562, 35.3655.



This preview shows how white text looks on a background with the XYZ color 45.3503, 32.6562,

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

45.3503, 32.6562, 35.3655

Protanopia

32.4403, 32.9609, 46.2473

Deuteranopia

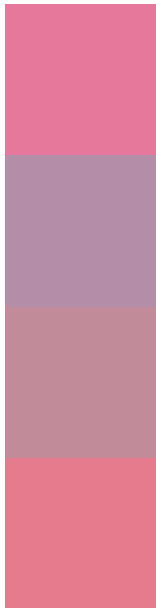
33.5055, 32.8177, 33.8467



Tritanopia

43.4362, 32.6027, 26.1939

Trichromacy



Original Color

45.3503, 32.6562, 35.3655

Protanomaly

35.6568, 31.9139, 41.8168

Deuteranomaly

36.9747, 32.1026, 34.3846

Tritanomaly

44.2038, 32.7470, 29.1903

Monochromacy



Original Color

45.3503, 32.6562, 35.3655

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

35.8262, 32.5712, 36.2969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3503, 32.6562, 35.3655 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(230, 120, 156)` looks like.

```
.text, #text, p{  
    color:rgb(230, 120, 156)  
}
```

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(230, 120, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 120, 156) }
```

Border

The CSS property to change the border of an element to XYZ 45.3503, 32.6562, 35.3655 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(230, 120, 156) }
```


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

```
.border{ border-color:rgb(230, 120, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 120, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 120, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 120, 156);  
box-shadow:4px 4px 4px 4px rgb(230, 120,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3503, 32.6562, 35.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 120, 156) }
```

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

```
.background{ background-color: rgb(230,  
120, 156) }
```

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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