

Converting Colors

XYZ(45.7949, 40.1646, 39.8124)

Have a look what the booklet for
XYZ(45.7949, 40.1646, 39.8124)
contains.

XYZ(45.7728, 40.2332, 40.0036)	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(45.7728, 40.2332,
40.0036)**

Conversions

Conversions Part 1

Format	Color
Hex	D59BA3
RGB	213, 155, 163
RGB Percent	84%, 61%, 64%
CMY	0.1647, 0.3921, 0.3608
CMYK	0.00, 0.27, 0.23, 0.16
HSL	352°, 41%, 72%
HSV	352°, 27%, 84%
XYZ	45.7728, 40.2332, 40.0036
YIQ	173.2540, 32.0000, 14.7840

Conversions

Conversions Part 2

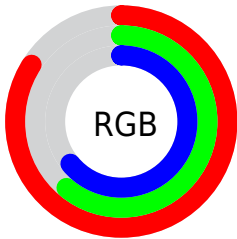
Format	Color
R _Y B	213, 155, 163
Decimal	13999011
CIE Lab	69.64, 22.80, 4.40
CIE LCh	70, 23.220, 10.931
Yxy	40.2332, 0.3632, 0.3193
Android (android.graphics.Color)	4292189091 (0xFFD59BA3)
YUV	173.2540, -5.0552, 34.8572
Hunter-Lab	63.4296, 17.8093, 7.0079

Details

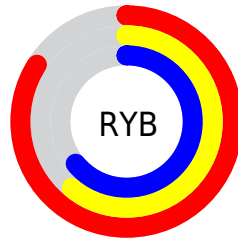
The XYZ color **45.7728, 40.2332, 40.0036** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.3330, 58.9658, 66.5948**, and the grayscale version is **39.8646, 41.9407, 45.6734**.

A 20% lighter version of the original color is **76.9415, 72.4151, 76.2519**, and **21.6241, 18.0163, 17.3767** is the 20% darker color. If you saturate the color by 10%, you get **41.0081, 33.1482, 30.8787**, and if you desaturate by 10%, it is **51.4040, 48.6680, 50.5970**.

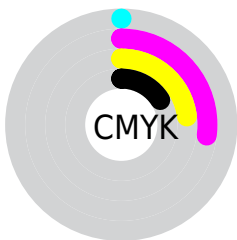
Distribution



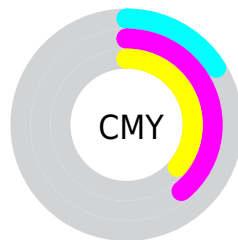
- Red (84%)
- Green (61%)
- Blue (64%)



- Red (84%)
- Yellow (61%)
- Blue (64%)



- Cyan (0%)
- Magenta (27%)
- Yellow (23%)
- Black (16%)





- Cyan (16%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.7728, 40.2332, 40.0036 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 45.7728, 40.2332, 40.0036 by changing the saturation by 10% instead.


 45.7728, 40.2332,
40.0036


 45.7728, 40.2332,
40.0036

360.6257,
347.1055, 361.6913

 32.2704, 27.7204,
27.2275


 83.1088, 75.5185,
76.4061

 21.7247, 18.1150,
17.5102

 107.6732, 99.0598,
100.8697

 13.7702, 11.0326,
10.4332


136.6556,
127.0460, 130.0662

 8.0417, 6.0888,
5.5777

170.4214,
159.8616, 164.4141

 4.1736, 2.8991,
2.5255

209.3360,
197.8910, 204.3321

 1.8008, 1.0793,
0.8536

253.7646,

 0.5182, 0.0000,

241.5185, 250.2386

0.0000

304.0728,
291.1285, 302.5521

0.0000, 0.0000,
0.0000

45.7728, 40.2332,
40.0036

45.7728, 40.2332,
40.0036

41.0081, 33.1482,
30.8787

51.4040, 48.6680,
50.5970

37.0633, 27.3376,
23.1548

57.9383, 58.5117,
62.7172

33.8928, 22.7272,
16.7629

65.4144, 69.8267,
76.4226

31.4449, 19.2327,
11.6271

73.8679, 82.6701,
91.7675

29.6617, 16.7590,
7.6637

81.2215, 92.8745,
108.1002

■ 28.4758, 15.1949,
4.7786

■ 81.2507, 92.8862,
108.2542

■ 27.8002, 14.3925,
2.8610

■ 27.6670, 14.2367,
2.4760

Harmonies

Analogous

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



45.4746, 40.2332, 50.9123



45.7728, 40.2332, 40.0036



43.9558, 40.2332, 31.6137

Triad

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



45.7728, 40.2332, 40.0036



33.7046, 40.2332, 29.9743



35.9309, 40.2332, 66.3882

Complementary

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



45.7728, 40.2332, 40.0036



48.3330, 58.9658, 66.5948

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.



33.0433, 40.2332, 58.7908



45.7728, 40.2332, 40.0036



31.8173, 40.2332, 37.3958

Square

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



45.7728, 40.2332, 40.0036



36.8882, 40.2332, 26.4864



31.5834, 40.2332, 47.8444



39.6253, 40.2332, 67.3947

Rectangle

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



45.7728, 40.2332, 40.0036



41.8550, 40.2332, 28.1119



31.5834, 40.2332, 47.8444



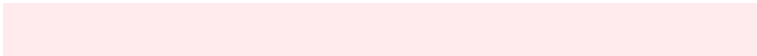
34.8402, 40.2332, 64.4684

Sweetspot

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



45.7739, 40.2351, 40.0044



86.1803, 86.5864, 92.6078



48.7170, 41.1286, 68.3221



18.1113, 18.0278, 19.2034



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.



45.7739, 40.2351, 40.0044



64.2648, 53.7253, 51.4839



48.7467, 47.2912, 37.5716



12.4923, 12.4484, 13.2666



16.9222, 8.7052, 1.6284



1.0437, 0.5343, 0.2197

Inverse Universe

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



45.7739, 40.2351, 40.0044



64.2648, 53.7253, 51.4839



44.5331, 49.7816, 70.2128



12.4923, 12.4484, 13.2666



16.9222, 8.7052, 1.6284



1.0437, 0.5343, 0.2197

Previews

White Background



This preview shows how the XYZ color 45.7728, 40.2332, 40.0036 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 45.7728, 40.2332, 40.0036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

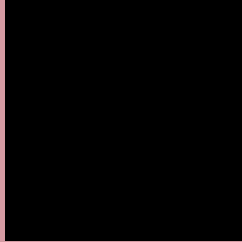
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.7728, 40.2332, 40.0036

Background



This preview shows how black text looks on a background with the XYZ color 45.7728, 40.2332, 40.0036.



This preview shows how white text looks on a background with the XYZ color 45.7728, 40.2332,

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

45.7728, 40.2332, 40.0036

Protanopia

38.9590, 40.5740, 44.3063

Deuteranopia

41.1234, 40.4306, 39.3547



Tritanopia

45.8791, 40.0105, 41.3811

Trichromacy



Original Color

45.7728, 40.2332, 40.0036

Protanomaly

41.2621, 40.4288, 42.6746

Deuteranomaly

42.5552, 40.1041, 39.6804

Tritanomaly

45.7877, 39.9739, 40.8998

Monochromacy



Original Color

45.7728, 40.2332, 40.0036

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.5367, 40.8284, 43.2276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7728, 40.2332, 40.0036 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(213, 155, 163)` looks like.

```
.text, #text, p{  
    color:rgb(213, 155, 163)  
}
```

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(213, 155, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 155, 163) }
```

Border

The CSS property to change the border of an element to XYZ 45.7728, 40.2332, 40.0036 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(213, 155, 163) }
```


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

```
.border{ border-color:rgb(213, 155, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 155, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 155, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 155, 163);  
box-shadow:4px 4px 4px 4px rgb(213, 155,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7728, 40.2332, 40.0036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 155, 163) }
```

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

```
.background{ background-color: rgb(213,  
155, 163) }
```

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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