

Converting Colors

XYZ(40.5358, 45.9650, 44.3317)

Have a look what the booklet for
XYZ(40.5358, 45.9650, 44.3317)
contains.

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Color

**XYZ(40.4467, 45.7780,
44.2404)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B9A9
RGB	167, 185, 169
RGB Percent	65%, 73%, 66%
CMY	0.3451, 0.2745, 0.3372
CMYK	0.10, 0.00, 0.09, 0.27
HSL	127°, 11%, 69%
HSV	127°, 10%, 73%
XYZ	40.4467, 45.7780, 44.2404
YIQ	177.7940, -5.5920, -8.7920

Conversions

Conversions Part 2

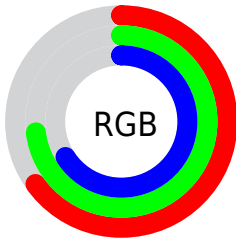
Format	Color
R _Y B	167, 183, 185
Decimal	10992041
CIE Lab	73.40, -9.27, 6.01
CIE LCh	73, 11.043, 147.042
Yxy	45.7780, 0.3100, 0.3509
Android (android.graphics.Color)	4289182121 (0xFFA7B9A9)
YUV	177.7940, -4.3354, -9.4663
Hunter-Lab	67.6594, -11.6970, 8.5937

Details

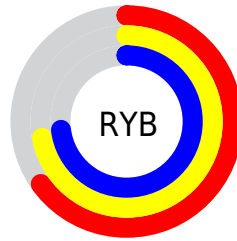
The XYZ color **40.4467, 45.7780, 44.2404** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.3751, 41.3716, 50.5539**, and the grayscale version is **42.2334, 44.4328, 48.3873**.

A 20% lighter version of the original color is **75.0340, 83.8220, 82.7456**, and **18.5324, 21.4317, 19.9896** is the 20% darker color. If you saturate the color by 10%, you get **35.3666, 43.3277, 36.4445**, and if you desaturate by 10%, it is **46.2827, 48.5981, 53.0872**.

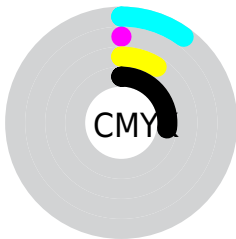
Distribution



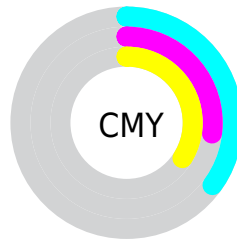
- Red (65%)
- Green (73%)
- Blue (66%)



- Red (65%)
- Yellow (72%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (27%)



- Cyan (35%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4467, 45.7780, 44.2404 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 40.4467, 45.7780, 44.2404 by changing the saturation by 10% instead.

■ 40.4467, 45.7780,
44.2404

■ 40.4467, 45.7780,
44.2404

339.1050,
369.9154, 379.7584

■ 28.0728, 32.0707,
30.5210

■ 75.1233, 83.8867,
82.8857

■ 18.5213, 21.4155,
19.9790

■ 98.1566, 109.0568,
108.6486

■ 11.4268, 13.4280,
12.1958

125.4738,
138.8166, 139.2632

■ 6.4241, 7.7240,
6.7530

157.4402,
173.5506, 175.1478

■ 3.1477, 3.9188,
3.2320

194.4212,
213.6430, 216.7211

■ 1.2324, 1.6283,
1.2143

236.7821,

■ 0.1317, 0.3765,

259.4784, 264.4016

0.0000

284.8882,
311.4411, 318.6079

■ 0.0000, 0.0000,
0.0000

■ 40.4467, 45.7780,
44.2404

■ 40.4467, 45.7780,
44.2404

■ 35.3666, 43.3277,
36.4445

■ 46.2827, 48.5981,
53.0872

■ 31.0077, 41.2263,
29.6576

■ 52.8999, 51.7964,
63.0189

■ 27.3385, 39.4598,
23.8393

■ 60.3269, 55.3883,
74.0714

■ 24.3234, 38.0106,
18.9455

■ 68.5900, 59.3864,
86.2783

■ 21.9237, 36.8600,
14.9286

■ 76.0379, 62.9389,
99.5932

■ 20.0967, 35.9869,
11.7367

■ 76.6399, 63.1797,
102.7633

■ 18.7941, 35.3676,
9.3125

■ 17.9593, 34.9745,
7.5913

■ 17.4914, 34.7571,
6.4964

Harmonies

Analogous

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



41.8319, 45.7780, 40.8984



40.4467, 45.7780, 44.2404



39.8807, 45.7780, 49.2937

Triad

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



40.4467, 45.7780, 44.2404



43.3179, 45.7780, 61.3273



46.9282, 45.7780, 45.1306

Complementary

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



40.4467, 45.7780, 44.2404



42.3751, 41.3716, 50.5539

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.



47.3544, 45.7780, 50.3993



40.4467, 45.7780, 44.2404



45.2336, 45.7780, 60.0084

Square

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



40.4467, 45.7780, 44.2404



41.5071, 45.7780, 59.3849



46.7255, 45.7780, 55.9028



45.5776, 45.7780, 41.3848

Rectangle

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



40.4467, 45.7780, 44.2404



40.0312, 45.7780, 53.0507



46.7255, 45.7780, 55.9028



47.1860, 45.7780, 46.7701

Sweetspot

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



40.4480, 45.7800, 44.2414



79.2681, 85.2856, 89.6056



43.9020, 47.5821, 43.4300



16.9045, 18.2969, 19.0385



88.6918, 93.3107, 101.6153



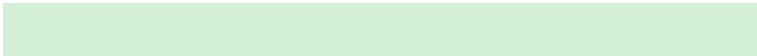
17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.4480, 45.7800, 44.2414



70.0720, 80.8449, 75.6184



41.3025, 46.1218, 48.7413



8.9299, 10.0759, 9.7880



11.9165, 23.6676, 4.4823



0.4335, 0.8397, 0.2287

Inverse Universe

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



42.3751, 41.3716, 50.5539



74.3254, 71.1150, 89.5503



41.4872, 41.0165, 45.8782



9.3368, 9.1451, 11.1209



18.2300, 8.8658, 24.8958



0.6550, 0.3175, 0.9427

Previews

White Background



This preview shows how the XYZ color 40.4467, 45.7780, 44.2404 looks on a white background.

Color Contrast Check

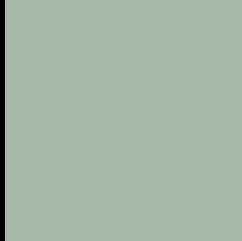
Large Text (above 18pt) WCAG AA × Fail

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 40.4467, 45.7780, 44.2404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

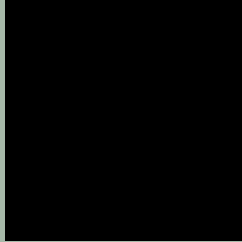
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

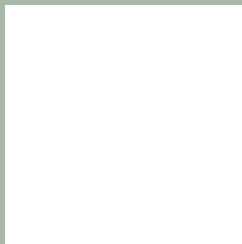
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4467, 45.7780, 44.2404

Background



This preview shows how black text looks on a background with the XYZ color 40.4467, 45.7780, 44.2404.



This preview shows how white text looks on a background with the XYZ color 40.4467, 45.7780,

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

40.4467, 45.7780, 44.2404

Protanopia

43.4966, 45.5582, 42.5775

Deuteranopia

46.5741, 45.6299, 44.8808



Tritanopia

43.1688, 45.6458, 58.1650

Trichromacy



Original Color

40.4467, 45.7780, 44.2404

Protanomaly

42.3213, 45.5411, 43.1189

Deuteranomaly

44.1624, 45.5619, 44.4969

Tritanomaly

42.1684, 45.5471, 53.0233

Monochromacy



Original Color

40.4467, 45.7780, 44.2404

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.7173, 45.1416, 47.0719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4467, 45.7780, 44.2404 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(167, 185, 169)` looks like.

```
.text, #text, p{  
    color:rgb(167, 185, 169)  
}
```

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(167, 185, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 185, 169) }
```

Border

The CSS property to change the border of an element to XYZ 40.4467, 45.7780, 44.2404 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(167, 185, 169) }
```


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

```
.border{ border-color:rgb(167, 185, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 185, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 185, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 185, 169);  
box-shadow:4px 4px 4px 4px rgb(167, 185,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4467, 45.7780, 44.2404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 185, 169) }
```

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

```
.background{ background-color: rgb(167,  
185, 169) }
```

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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