

Converting Colors

XYZ(37.4367, 45.0575, 44.3618)

Have a look what the booklet for
XYZ(37.4367, 45.0575, 44.3618)
contains.

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Color

**XYZ(37.5391, 45.2206,
44.2860)**

Conversions

Conversions Part 1

Format	Color
Hex	95BCA9
RGB	149, 188, 169
RGB Percent	58%, 74%, 66%
CMY	0.4157, 0.2627, 0.3372
CMYK	0.21, 0.00, 0.10, 0.26
HSL	151°, 23%, 66%
HSV	151°, 21%, 74%
XYZ	37.5391, 45.2206, 44.2860
YIQ	174.1730, -17.1450, -14.1770

Conversions

Conversions Part 2

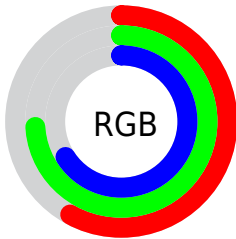
Format	Color
RYB	149, 175, 188
Decimal	9813161
CIELab	73.04, -16.93, 5.33
CIElCh	73, 17.751, 162.531
Yxy	45.2206, 0.2955, 0.3559
Android (android.graphics.Color)	4288003241 (0xFF95BCA9)
YUV	174.1730, -2.5503, -22.0767
Hunter-Lab	67.2463, -18.0363, 8.0261

Details

The XYZ color **37.5391, 45.2206, 44.2860** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.5560, 35.0146, 41.7742**, and the grayscale version is **40.3411, 42.4419, 46.2193**.

A 20% lighter version of the original color is **70.7071, 82.9206, 82.7996**, and **16.9119, 21.2090, 20.0320** is the 20% darker color. If you saturate the color by 10%, you get **33.5522, 43.2624, 39.7671**, and if you desaturate by 10%, it is **42.1425, 47.4921, 49.1502**.

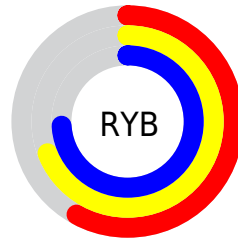
Distribution



Red (58%)

Green (74%)

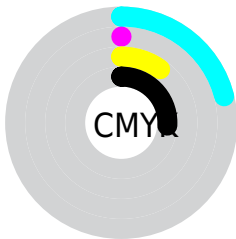
Blue (66%)



Red (58%)

Yellow (69%)

Blue (74%)

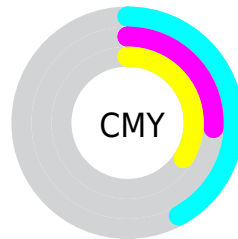


Cyan (21%)

Magenta (0%)

Yellow (10%)

Black (26%)



Cyan (42%)


Magenta (26%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5391, 45.2206, 44.2860 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 37.5391, 45.2206, 44.2860 by changing the saturation by 10% instead.


 37.5391, 45.2206,
44.2860


 37.5391, 45.2206,
44.2860


326.9538,
367.6663, 379.9496

 25.8008, 31.6312,
30.5566


 70.7096, 83.0513,
82.9550

 16.8065, 21.0800,
20.0058


 92.8725, 108.0615,
108.7316

 10.1911, 13.1825,
12.2151

119.2409,
137.6474, 139.3611

 5.5891, 7.5543,
6.7661

150.1803,
172.1934, 175.2619

 2.6351, 3.8111,
3.2400

186.0559,
212.0838, 216.8526

 0.9639, 1.5685,
1.2185

227.2331,

 0.0000, 0.3362,

257.7032, 264.5518

0.0000

274.0773,
309.4359, 318.7779

■ 0.0000, 0.0000,
0.0000

■ 37.5391, 45.2206,
44.2860

■ 37.5391, 45.2206,
44.2860

■ 33.5522, 43.2624,
39.7671

■ 42.1425, 47.4921,
49.1502

■ 30.1503, 41.5978,
35.5828

■ 47.3845, 50.0845,
54.3640

■ 27.3046, 40.2132,
31.7261

■ 53.2909, 53.0121,
59.9357

■ 24.9824, 39.0919,
28.1886

■ 59.8846, 56.2867,
65.8722

■ 23.1474, 38.2155,
24.9616

■ 67.1876, 59.9195,
72.1803

■ 21.7583, 37.5627,
22.0357

■ 72.6733, 62.6078,
78.7473

■ 20.7662, 37.1085,
19.4010

■ 73.9493, 63.1182,
85.4666

■ 20.1141, 36.8202,
17.2113

■ 75.2933, 63.6558,
92.5438

■ 76.7062, 64.2210,
99.9842

Harmonies

Analogous

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



39.0739, 45.2206, 37.6926



37.5391, 45.2206, 44.2860



37.4177, 45.2206, 53.0373

Triad

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



37.5391, 45.2206, 44.2860



44.2879, 45.2206, 67.8644



47.5274, 45.2206, 38.5702

Complementary

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



37.5391, 45.2206, 44.2860



38.5560, 35.0146, 41.7742

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.



49.0697, 45.2206, 45.6238



37.5391, 45.2206, 44.2860



47.1399, 45.2206, 62.9276

Square

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



37.5391, 45.2206, 44.2860



41.2152, 45.2206, 67.3937



48.9246, 45.2206, 54.5451



44.7962, 45.2206, 34.6756

Rectangle

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



37.5391, 45.2206, 44.2860



38.1460, 45.2206, 59.0058



48.9246, 45.2206, 54.5451



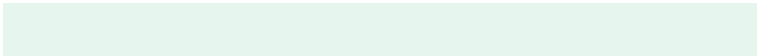
48.2078, 45.2206, 40.6116

Sweetspot

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



37.5404, 45.2225, 44.2870



80.6413, 88.1775, 93.3845



39.6647, 46.5183, 35.3228



17.2098, 18.8970, 19.9503



90.7827, 95.5105, 104.0109



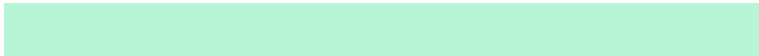
18.6292, 19.5994, 21.3438

Same Dimension

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



37.5404, 45.2225, 44.2870



64.5269, 80.2303, 76.3631



39.4563, 45.9889, 54.3764



9.6075, 10.7291, 11.1824



13.7318, 25.0830, 11.9163



0.5708, 0.9957, 0.6403

Inverse Universe

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



38.5560, 35.0146, 41.7742



66.7073, 58.3169, 70.9696



36.9127, 34.3573, 33.1206



9.7186, 9.6118, 10.9073



15.4608, 7.8155, 7.7202



0.6387, 0.3194, 0.4765

Previews

White Background



This preview shows how the XYZ color 37.5391, 45.2206, 44.2860 looks on a white background.

Color Contrast Check

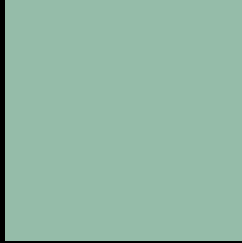
Large Text (above 18pt) WCAG AA × Fail

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 37.5391, 45.2206, 44.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

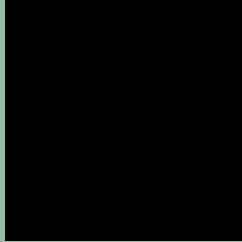
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5391, 45.2206, 44.2860

Background



This preview shows how black text looks on a background with the XYZ color 37.5391, 45.2206, 44.2860.



This preview shows how white text looks on a background with the XYZ color 37.5391, 45.2206,

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

37.5391, 45.2206, 44.2860

Protanopia

42.8709, 44.9602, 41.5406

Deuteranopia

45.9432, 45.0078, 45.2956



Tritanopia

40.6600, 45.2282, 60.0130

Trichromacy



Original Color

37.5391, 45.2206, 44.2860

Protanomaly

40.8445, 45.0933, 42.6275

Deuteranomaly

42.3271, 44.6048, 44.9068

Tritanomaly

39.2675, 44.9612, 53.6225

Monochromacy



Original Color

37.5391, 45.2206, 44.2860

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.0835, 43.2181, 45.3117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5391, 45.2206, 44.2860 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(149, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(149, 188, 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(149, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 188, 169) }
```

Border

The CSS property to change the border of an element to XYZ 37.5391, 45.2206, 44.2860 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(149, 188, 169) }
```


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

```
.border{ border-color:rgb(149, 188, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(149, 188,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5391, 45.2206, 44.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 188, 169) }
```

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

```
.background{ background-color: rgb(149,  
188, 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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