

Converting Colors

XYZ(45.2625, 48.0795, 52.6946)

Have a look what the booklet for
XYZ(45.2625, 48.0795, 52.6946)
contains.

XYZ(45.3973, 48.1458, 52.7993)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(45.3973, 48.1458,
52.7993)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B9B9
RGB	182, 185, 185
RGB Percent	71%, 73%, 73%
CMY	0.2863, 0.2745, 0.2745
CMYK	0.02, 0.00, 0.00, 0.27
HSL	180°, 2%, 72%
HSV	180°, 2%, 73%
XYZ	45.3973, 48.1458, 52.7993
YIQ	184.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

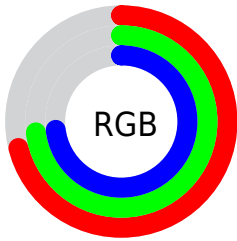
Format	Color
R_YB	182, 184, 185
Decimal	11975097
CIE Lab	74.92, -1.04, -0.37
CIE LCh	75, 1.107, 199.784
Yxy	48.1458, 0.3102, 0.3290
Android (android.graphics.Color)	4290165177 (0xFFB6B9B9)
YUV	184.1030, 0.4422, -1.8443
Hunter-Lab	69.3872, -4.6420, 3.4550

Details

The XYZ color **45.3973, 48.1458, 52.7993** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.1808, 47.1488, 50.9777**, and the grayscale version is **45.6164, 47.9920, 52.2632**.

A 20% lighter version of the original color is **82.5924, 87.4386, 95.7433**, and **21.4694, 22.8356, 25.1059** is the 20% darker color. If you saturate the color by 10%, you get **41.3119, 46.0413, 52.5982**, and if you desaturate by 10%, it is **50.0627, 50.5520, 53.0295**.

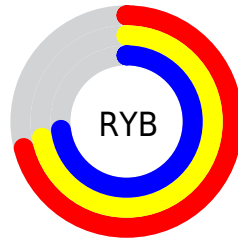
Distribution



Red (71%)

Green (73%)

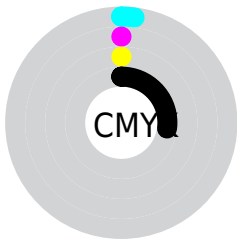
Blue (73%)



Red (71%)

Yellow (72%)

Blue (73%)

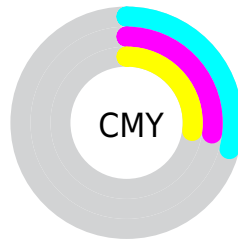


Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3973, 48.1458, 52.7993 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 45.3973, 48.1458, 52.7993 by changing the saturation by 10% instead.

■ 45.3973, 48.1458,
52.7993

■ 45.3973, 48.1458,
52.7993

359.1369,
379.3698, 414.5591

■ 31.9731, 33.9424,
37.2559

■ 82.5497, 87.4214,
95.7475

■ 21.4964, 22.8493,
25.1084

107.0086,
113.2624, 123.9895

■ 13.6019, 14.4823,
15.9381

135.8764,
143.7514, 157.3014

■ 7.9241, 8.4569,
9.3265

169.5185,
179.2728, 196.1018

■ 4.0978, 4.3886,
4.8550

208.3002,
220.2109, 240.8092

■ 1.7576, 1.8933,
2.1052

252.5870,

■ 0.4919, 0.5443,

266.9501, 291.8422

0.6189

302.7441,
319.8750, 349.6193

■ 0.0000, 0.0000,
0.0000

■ 45.3973, 48.1458,
52.7993

■ 45.3973, 48.1458,
52.7993

■ 41.3119, 46.0413,
52.5982

■ 50.0627, 50.5520,
53.0295

■ 37.7799, 44.2207,
52.4221

■ 55.3252, 53.2647,
53.2866

■ 34.7788, 42.6739,
52.2708

■ 61.2063, 56.2963,
53.5727

■ 32.2829, 41.3874,
52.1431

■ 67.3553, 59.4660,
53.8714

■ 30.2645, 40.3471,
52.0378

■ 67.3574, 59.4668,
53.8823

■ 28.6929, 39.5372,
51.9534

■ 67.3595, 59.4676,
53.8933

■ 27.5344, 38.9402,
51.8883

■ 67.3616, 59.4685,
53.9043

■ 26.7500, 38.5360,
51.8407

■ 67.3637, 59.4693,
53.9153

■ 26.2935, 38.3009,
51.8085

■ 67.3657, 59.4701,
53.9262

Harmonies

Analogous

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



45.3807, 48.1458, 52.2259



45.3973, 48.1458, 52.7993



45.5113, 48.1458, 53.2750

Triad

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



45.3973, 48.1458, 52.7993



46.0578, 48.1458, 53.1428



45.8299, 48.1458, 51.3375

Complementary

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



45.3973, 48.1458, 52.7993



45.1808, 47.1488, 50.9777

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.



46.0119, 48.1458, 51.5793



45.3973, 48.1458, 52.7993



46.1437, 48.1458, 52.6198

Square

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



45.3973, 48.1458, 52.7993



45.8925, 48.1458, 53.4743



46.1269, 48.1458, 52.0477



45.6300, 48.1458, 51.3847

Rectangle

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



45.3973, 48.1458, 52.7993



45.6273, 48.1458, 53.4714



46.1269, 48.1458, 52.0477



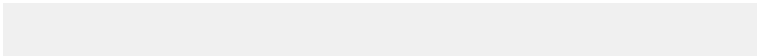
45.8952, 48.1458, 51.3876

Sweetspot

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



45.3987, 48.1479, 52.8004



82.5889, 86.8899, 94.6231



45.0970, 48.0286, 51.1502



17.8044, 18.7317, 20.3988



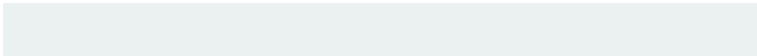
88.6918, 93.3107, 101.6153

Same Dimension

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



45.3987, 48.1479, 52.8004



80.9846, 86.0630, 94.5441



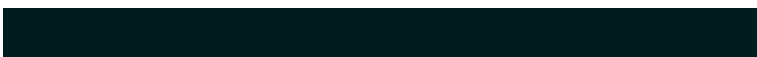
45.0969, 47.5437, 52.7014



9.9457, 10.5607, 11.5932



17.7618, 26.0057, 35.2633



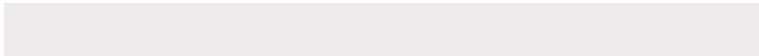
0.6263, 0.9168, 1.2438

Inverse Universe

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



45.1808, 47.1488, 50.9777



80.4974, 83.8287, 90.4678



45.4793, 47.7463, 51.0755



9.8908, 10.3089, 11.1338



13.6243, 7.0235, 0.6423



0.4804, 0.2476, 0.0233

Previews

White Background



This preview shows how the XYZ color 45.3973, 48.1458, 52.7993 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 45.3973, 48.1458, 52.7993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

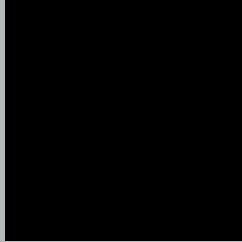
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

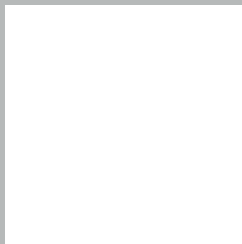
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.3973, 48.1458, 52.7993

Background



This preview shows how black text looks on a background with the XYZ color 45.3973, 48.1458, 52.7993.

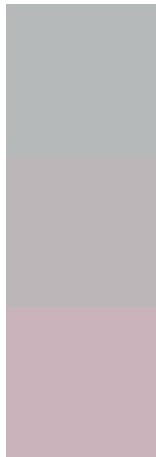


This preview shows how white text looks on a background with the XYZ color 45.3973, 48.1458,

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

45.3973, 48.1458, 52.7993

Protanopia

46.0787, 47.8925, 52.1630

Deuteranopia

48.8707, 47.8035, 53.1056



Tritanopia

46.8937, 48.1345, 60.2454

Trichromacy



Original Color

45.3973, 48.1458, 52.7993

Protanomaly

45.7998, 48.0560, 52.2092

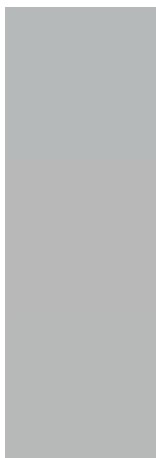
Deuteranomaly

47.6349, 48.0623, 53.2207

Tritanomaly

46.2946, 48.1985, 57.3153

Monochromacy



Original Color

45.3973, 48.1458, 52.7993

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.3207, 47.8090, 52.1868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3973, 48.1458, 52.7993 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(182, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(182, 185, 185)  
}
```

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(182, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 185, 185) }
```

Border

The CSS property to change the border of an element to XYZ 45.3973, 48.1458, 52.7993 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(182, 185, 185) }
```

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

```
.border{ border-color:rgb(182, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(182, 185,  
185) }
```


Background

The CSS property to change the background color of an element to XYZ 45.3973, 48.1458, 52.7993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 185, 185) }
```

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

```
.background{ background-color: rgb(182,  
185, 185) }
```

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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