

Converting Colors

XYZ(43.6250, 45.9827, 53.5900)

Have a look what the booklet for
XYZ(43.6250, 45.9827, 53.5900)
contains.

XYZ(43.6250, 45.9827, 53.5900)	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(43.6250, 45.9827,
53.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B5BB
RGB	177, 181, 187
RGB Percent	69%, 71%, 73%
CMY	0.3059, 0.2902, 0.2667
CMYK	0.05, 0.03, 0.00, 0.27
HSL	216°, 7%, 71%
HSV	216°, 5%, 73%
XYZ	43.6250, 45.9827, 53.5900
YIQ	180.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

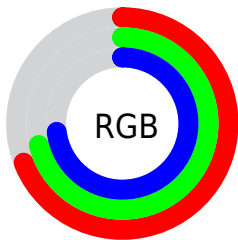
Format	Color
RYB	177, 180, 187
Decimal	11646395
CIELab	73.53, -0.24, -3.54
CIELCh	74, 3.547, 266.182
Yxy	45.9827, 0.3046, 0.3211
Android (android.graphics.Color)	4289836475 (0xFFB1B5BB)
YUV	180.4880, 3.2104, -3.0590
Hunter-Lab	67.8105, -3.8329, 0.6111

Details

The XYZ color **43.6250, 45.9827, 53.5900** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.3630, 47.6058, 48.3938**, and the grayscale version is **43.6308, 45.9030, 49.9883**.

A 20% lighter version of the original color is **80.0661, 84.3631, 96.8578**, and **20.3344, 21.4447, 25.6218** is the 20% darker color. If you saturate the color by 10%, you get **37.4649, 39.5581, 52.6753**, and if you desaturate by 10%, it is **50.5550, 53.0793, 54.5952**.

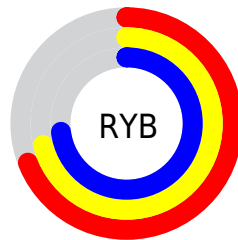
Distribution



Red (69%)

Green (71%)

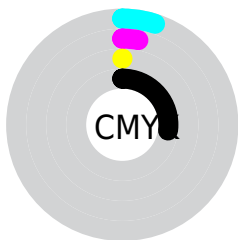
Blue (73%)



Red (69%)

Yellow (71%)

Blue (73%)

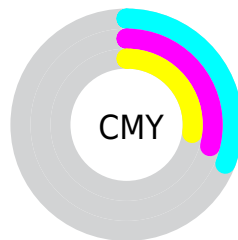


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (29%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6250, 45.9827, 53.5900 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 43.6250, 45.9827, 53.5900 by changing the saturation by 10% instead.

■ 43.6250, 45.9827,
53.5900

■ 43.6250, 45.9827,
53.5900

352.0539,
370.7391, 417.6749

■ 30.5724, 32.2322,
37.8830

■ 79.9030, 84.1931,
96.9223

■ 20.4237, 21.5389,
25.5908

103.8592,
109.4218, 125.3847

■ 12.8135, 13.5185,
16.2947

132.1806,
139.2453, 158.9360

■ 7.3763, 7.7865,
9.5764

165.2326,
174.0480, 197.9948

■ 3.7470, 3.9587,
5.0171

203.3806,
214.2144, 242.9795

■ 1.5600, 1.6505,
2.1984

246.9899,

■ 0.3661, 0.3913,

260.1287, 294.3088

0.6734

296.4259,
312.1755, 352.4011

■ 0.0000, 0.0000,
0.0000

■ 43.6250, 45.9827,
53.5900

■ 43.6250, 45.9827,
53.5900

■ 37.4649, 39.5581,
52.6753

■ 50.5550, 53.0793,
54.5952

■ 32.0430, 33.7788,
51.8456

■ 58.2774, 60.8619,
55.6904

■ 27.3307, 28.6250,
51.0991

■ 66.8186, 69.3512,
56.8788

■ 23.2965, 24.0734,
50.4332

■ 76.2025, 78.5654,
58.1628

■ 19.9061, 20.0990,
49.8448

■ 80.5169, 85.4622,
59.2666

■ 17.1217, 16.6751,
49.3307

■ 83.8678, 92.1639,
60.3835

■ 14.9016, 13.7722,
48.8873

■ 85.9698, 96.3679,
61.0842

■ 13.1978, 11.3572,
48.5110

■ 11.9524, 9.3915,
48.1972

Harmonies

Analogous

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



43.0380, 45.9827, 52.9894



43.6250, 45.9827, 53.5900



44.2390, 45.9827, 53.2283

Triad

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



43.6250, 45.9827, 53.5900



44.7954, 45.9827, 48.5601



42.7117, 45.9827, 48.1713

Complementary

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



43.6250, 45.9827, 53.5900



45.3630, 47.6058, 48.3938

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.



43.1757, 45.9827, 47.0340



43.6250, 45.9827, 53.5900



44.3792, 45.9827, 47.2548

Square

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



43.6250, 45.9827, 53.5900



44.9185, 45.9827, 50.2975



43.7855, 45.9827, 46.7025



42.5139, 45.9827, 49.8379

Rectangle

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



43.6250, 45.9827, 53.5900



44.5804, 45.9827, 52.4948



43.7855, 45.9827, 46.7025



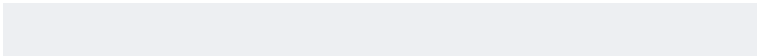
42.8415, 45.9827, 47.7159

Sweetspot

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



43.6263, 45.9847, 53.5910



82.0924, 86.4350, 96.5583



44.4325, 48.3005, 51.6907



18.1059, 19.0629, 21.2678



90.7827, 95.5105, 104.0109



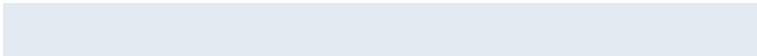
18.6292, 19.5994, 21.3438

Same Dimension

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



43.6263, 45.9847, 53.5910



77.2592, 81.4533, 95.8515



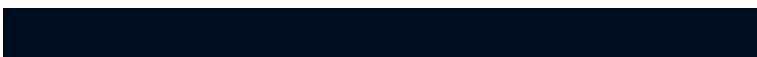
43.0145, 44.4783, 53.3325



9.7256, 10.2549, 12.1390



7.9734, 6.0585, 33.1421



0.3766, 0.3658, 1.3196

Inverse Universe

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



44.5572, 45.3462, 50.1226



79.1531, 80.1653, 88.7922



45.9971, 49.1757, 48.6634



9.9830, 10.0808, 11.1795



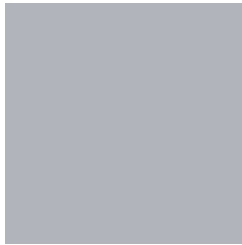
15.0254, 7.6413, 5.4271



0.6210, 0.3123, 0.3834

Previews

White Background



This preview shows how the XYZ color 43.6250, 45.9827, 53.5900 looks on a white background.

Color Contrast Check

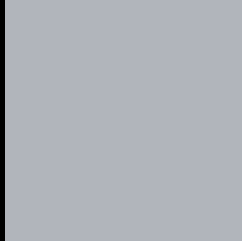
Large Text (above 18pt) WCAG AA × Fail

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 43.6250, 45.9827, 53.5900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

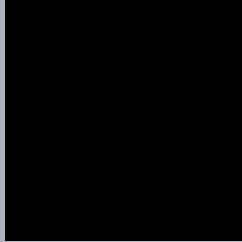
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6250, 45.9827, 53.5900

Background



This preview shows how black text looks on a background with the XYZ color 43.6250, 45.9827, 53.5900.



This preview shows how white text looks on a background with the XYZ color 43.6250, 45.9827,

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

43.6250, 45.9827, 53.5900

Protanopia

44.4756, 46.1328, 53.0148

Deuteranopia

46.9127, 45.8929, 53.9626



Tritanopia

44.4190, 46.0025, 57.5772

Trichromacy



Original Color

43.6250, 45.9827, 53.5900

Protanomaly

44.0066, 45.8910, 52.9928

Deuteranomaly

45.5383, 45.7665, 54.0106

Tritanomaly

44.0853, 45.8691, 55.8203

Monochromacy



Original Color

43.6250, 45.9827, 53.5900

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.4589, 45.6451, 51.3196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6250, 45.9827, 53.5900 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(177, 181, 187)` looks like.

```
.text, #text, p{  
    color:rgb(177, 181, 187)  
}
```

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(177, 181, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 181, 187) }
```

Border

The CSS property to change the border of an element to XYZ 43.6250, 45.9827, 53.5900 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(177, 181, 187) }
```


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

```
.border{ border-color:rgb(177, 181, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 181, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 181, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 181, 187);  
box-shadow:4px 4px 4px 4px rgb(177, 181,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6250, 45.9827, 53.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 181, 187) }
```

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

```
.background{ background-color: rgb(177,  
181, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor