

Converting Colors

XYZ(42.1737, 45.7015, 52.6699)

Have a look what the booklet for
XYZ(42.1737, 45.7015, 52.6699)
contains.

XYZ(42.0625, 45.5047, 52.4653)	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(42.0625, 45.5047,
52.4653)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB6B9
RGB	170, 182, 185
RGB Percent	67%, 71%, 73%
CMY	0.3333, 0.2863, 0.2745
CMYK	0.08, 0.02, 0.00, 0.27
HSL	192°, 10%, 70%
HSV	192°, 8%, 73%
XYZ	42.0625, 45.5047, 52.4653
YIQ	178.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

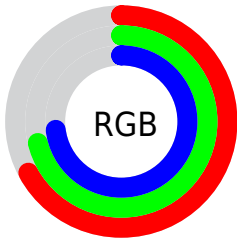
Format	Color
RYB	170, 177, 185
Decimal	11187897
CIELab	73.22, -3.55, -2.96
CIELCh	73, 4.628, 219.810
Yxy	45.5047, 0.3004, 0.3250
Android (android.graphics.Color)	4289377977 (0xFFAAB6B9)
YUV	178.7540, 3.0793, -7.6773
Hunter-Lab	67.4572, -6.7475, 1.1068

Details

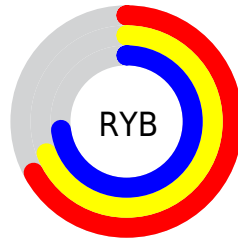
The XYZ color **42.0625, 45.5047, 52.4653** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.2072, 43.1036, 44.1264**, and the grayscale version is **42.7051, 44.9291, 48.9278**.

A 20% lighter version of the original color is **77.5031, 83.5075, 95.2528**, and **19.4863, 21.2180, 24.8982** is the 20% darker color. If you saturate the color by 10%, you get **37.5945, 42.0934, 52.0431**, and if you desaturate by 10%, it is **47.1159, 49.2499, 52.9226**.

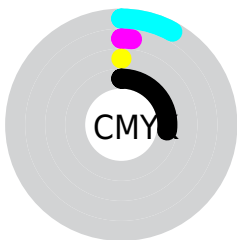
Distribution



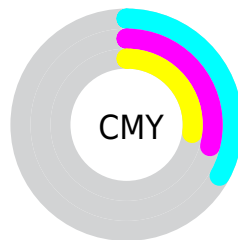
- Red (67%)
- Green (71%)
- Blue (73%)



- Red (67%)
- Yellow (69%)
- Blue (73%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0625, 45.5047, 52.4653 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 42.0625, 45.5047, 52.4653 by changing the saturation by 10% instead.

■ 42.0625, 45.5047,
52.4653

■ 42.0625, 45.5047,
52.4653

345.7292,
368.8138, 413.2383

■ 29.3416, 31.8551,
36.9913

■ 77.5588, 83.4773,
95.2507

■ 19.4849, 21.2509,
24.9050

101.0648,
108.5690, 123.3991

■ 12.1273, 13.3075,
15.7879

128.8966,
138.2437, 156.6094

■ 6.9032, 7.6406,
9.2215

161.4195,
172.8856, 195.3002

■ 3.4474, 3.8659,
4.7871

198.9988,
212.8792, 239.8899

■ 1.3946, 1.5988,
2.0664

242.0000,

■ 0.2523, 0.3568,

258.6088, 290.7971

0.5956

290.7883,
310.4589, 348.4404

■ 0.0000, 0.0000,
0.0000

■ 42.0625, 45.5047,
52.4653

■ 42.0625, 45.5047,
52.4653

■ 37.5945, 42.0934,
52.0431

■ 47.1159, 49.2499,
52.9226

■ 33.6844, 38.9980,
51.6517

■ 52.7730, 53.3350,
53.4129

■ 30.3085, 36.2072,
51.2909

■ 59.0561, 57.7729,
53.9383

■ 27.4396, 33.7066,
50.9595

■ 65.9850, 62.5741,
54.4999

■ 25.0480, 31.4810,
50.6559

■ 70.7646, 66.2978,
54.9667

■ 23.1010, 29.5130,
50.3787

■ 71.6339, 68.0365,
55.2565

■ 21.5615, 27.7834,
50.1260

■ 72.5241, 69.8169,
55.5532

■ 20.3861, 26.2696,
49.8957

■ 73.4353, 71.6393,
55.8570

■ 19.5061, 24.9359,
49.6847

■ 74.3677, 73.5040,
56.1677

Harmonies

Analogous

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



41.7305, 45.5047, 50.3127



42.0625, 45.5047, 52.4653



42.7142, 45.5047, 53.8634

Triad

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



42.0625, 45.5047, 52.4653



44.7329, 45.5047, 51.1063



42.9854, 45.5047, 45.2699

Complementary

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



42.0625, 45.5047, 52.4653



42.2072, 43.1036, 44.1264

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.



43.7920, 45.5047, 45.4674



42.0625, 45.5047, 52.4653



44.8077, 45.5047, 48.7889

Square

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



42.0625, 45.5047, 52.4653



44.2582, 45.5047, 53.0619



44.4614, 45.5047, 46.7387



42.2589, 45.5047, 46.1906

Rectangle

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



42.0625, 45.5047, 52.4653



43.2457, 45.5047, 54.1544



44.4614, 45.5047, 46.7387



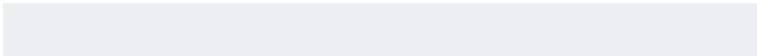
43.2560, 45.5047, 45.2084

Sweetspot

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



42.0638, 45.5066, 52.4663



80.7046, 85.5017, 94.4545



41.4460, 46.2522, 46.1524



17.4193, 18.4479, 20.3643



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.



42.0638, 45.5066, 52.4663



73.6054, 80.1965, 93.8047



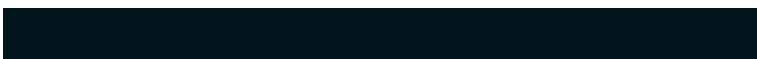
40.6167, 42.6124, 51.9839



9.1101, 9.8975, 11.5097



13.2290, 16.9177, 33.8213



0.5057, 0.6751, 1.2054

Inverse Universe

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



42.8269, 42.4421, 50.1931



75.3026, 73.4393, 88.7356



43.6358, 45.9609, 44.6026



9.3019, 9.1311, 10.9374



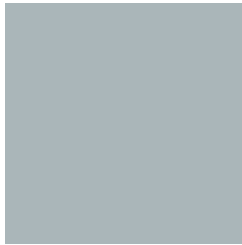
17.2911, 8.4902, 19.9515



0.6294, 0.3072, 0.8079

Previews

White Background



This preview shows how the XYZ color 42.0625, 45.5047, 52.4653 looks on a white background.

Color Contrast Check

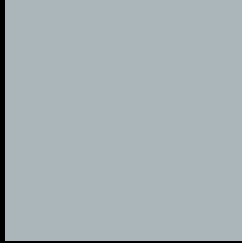
Large Text (above 18pt) WCAG AA × Fail

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 42.0625, 45.5047, 52.4653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

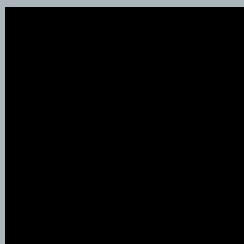
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

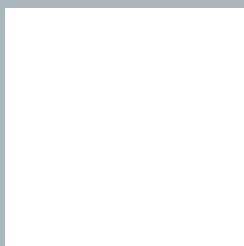
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0625, 45.5047, 52.4653

Background



This preview shows how black text looks on a background with the XYZ color 42.0625, 45.5047, 52.4653.



This preview shows how white text looks on a background with the XYZ color 42.0625, 45.5047,

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

42.0625, 45.5047, 52.4653

Protanopia

43.9587, 45.6042, 51.2854

Deuteranopia

46.3538, 45.3293, 53.3200



Tritanopia

43.1848, 45.3533, 58.1077

Trichromacy



Original Color

42.0625, 45.5047, 52.4653

Protanomaly

43.3331, 45.5682, 51.8590

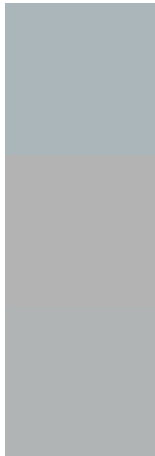
Deuteranomaly

44.5927, 45.3037, 52.8486

Tritanomaly

42.7224, 45.4673, 55.8146

Monochromacy



Original Color

42.0625, 45.5047, 52.4653

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.5662, 45.2088, 50.1988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0625, 45.5047, 52.4653 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(170, 182, 185)` looks like.

```
.text, #text, p{  
    color:rgb(170, 182, 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(170, 182, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 182, 185) }
```

Border

The CSS property to change the border of an element to XYZ 42.0625, 45.5047, 52.4653 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(170, 182, 185) }
```


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

```
.border{ border-color:rgb(170, 182, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 182, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 182, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 182, 185);  
box-shadow:4px 4px 4px 4px rgb(170, 182,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0625, 45.5047, 52.4653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 182, 185) }
```

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

```
.background{ background-color: rgb(170,  
182, 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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