

Converting Colors

XYZ(40.3434, 45.1502, 56.2541)

Have a look what the booklet for
XYZ(40.3434, 45.1502, 56.2541)
contains.

XYZ(40.3652, 45.1547, 56.4574)	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(40.3652, 45.1547,
56.4574)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB8C0
RGB	156, 184, 192
RGB Percent	61%, 72%, 75%
CMY	0.3882, 0.2784, 0.2471
CMYK	0.19, 0.04, 0.00, 0.25
HSL	193°, 22%, 68%
HSV	193°, 19%, 75%
XYZ	40.3652, 45.1547, 56.4574
YIQ	176.5400, -19.2560, -3.4480

Conversions

Conversions Part 2

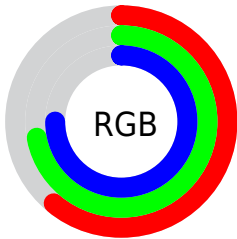
Format	Color
RYB	156, 172, 192
Decimal	10270912
CIELab	72.99, -7.76, -7.24
CIELCh	73, 10.613, 223.001
Yxy	45.1547, 0.2843, 0.3180
Android (android.graphics.Color)	4288460992 (0xFF9CB8C0)
YUV	176.5400, 7.6218, -18.0136
Hunter-Lab	67.1972, -10.3707, -2.7759

Details

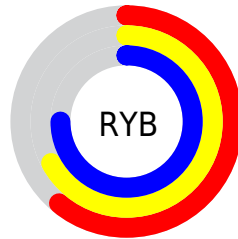
The XYZ color **40.3652, 45.1547, 56.4574** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.0147, 40.1576, 37.0428**, and the grayscale version is **41.5185, 43.6807, 47.5683**.

A 20% lighter version of the original color is **74.9673, 82.9464, 100.8660**, and **18.4854, 21.0397, 27.5129** is the 20% darker color. If you saturate the color by 10%, you get **36.0672, 41.6445, 56.0071**, and if you desaturate by 10%, it is **45.2799, 49.0248, 56.9461**.

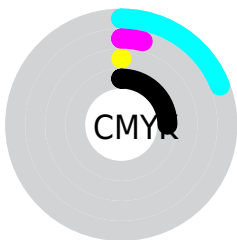
Distribution



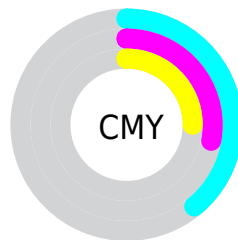
- Red (61%)
- Green (72%)
- Blue (75%)



- Red (61%)
- Yellow (67%)
- Blue (75%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (39%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3652, 45.1547, 56.4574 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 40.3652, 45.1547, 56.4574 by changing the saturation by 10% instead.

■ 40.3652, 45.1547,
56.4574

■ 40.3652, 45.1547,
56.4574

338.7685,
367.3997, 428.8496

■ 28.0089, 31.5793,
40.1633

■ 75.0001, 82.9525,
101.1655

■ 18.4728, 21.0404,
27.3511

■ 98.0094, 107.9437,
130.4166

■ 11.3917, 13.1535,
17.6024

125.3004,
137.5089, 164.8237

■ 6.4002, 7.5343,
10.4984

157.2385,
172.0326, 204.8055

■ 3.1329, 3.7985,
5.6207

194.1890,
211.8992, 250.7805

■ 1.2244, 1.5615,
2.5508

236.5173,

■ 0.1255, 0.3314,

257.4929, 303.1671

0.8669

284.5886,
309.1983, 362.3840

■ 0.0000, 0.0000,
0.0000

■ 40.3652, 45.1547,
56.4574

■ 40.3652, 45.1547,
56.4574

■ 36.0672, 41.6445,
56.0071

■ 45.2799, 49.0248,
56.9461

■ 32.3541, 38.4741,
55.5909

■ 50.8333, 53.2629,
57.4714

■ 29.1972, 35.6294,
55.2082

■ 57.0510, 57.8838,
58.0357

■ 26.5640, 33.0932,
54.8574

■ 63.9562, 62.8999,
58.6399

■ 24.4181, 30.8465,
54.5369

■ 71.5708, 68.3226,
59.2853

■ 22.7184, 28.8678,
54.2445

■ 73.7015, 70.9596,
59.6820

■ 21.4166, 27.1316,
53.9780

■ 74.7660, 73.0886,
60.0368

■ 20.4321, 25.5963,
53.7336

■ 75.8587, 75.2742,
60.4011

■ 20.3172, 25.4111,
53.7039

■ 76.9800, 77.5166,
60.7748

Harmonies

Analogous

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



39.5398, 45.1547, 51.4969



40.3652, 45.1547, 56.4574



41.8851, 45.1547, 59.5822

Triad

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



40.3652, 45.1547, 56.4574



46.4159, 45.1547, 52.2093



42.1217, 45.1547, 39.8798

Complementary

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



40.3652, 45.1547, 56.4574



41.0147, 40.1576, 37.0428

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.



43.9681, 45.1547, 40.0402



40.3652, 45.1547, 56.4574



46.4837, 45.1547, 46.9061

Square

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



40.3652, 45.1547, 56.4574



45.3939, 45.1547, 57.0111



45.5766, 45.1547, 42.5307



40.5341, 45.1547, 42.0754

Rectangle

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



40.3652, 45.1547, 56.4574



43.1050, 45.1547, 60.0743



45.5766, 45.1547, 42.5307



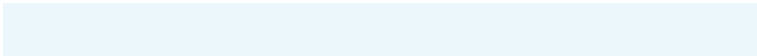
42.7320, 45.1547, 39.6649

Sweetspot

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



40.3665, 45.1566, 56.4584



84.5987, 90.8003, 103.4277



39.2435, 47.4411, 42.1168



18.0118, 19.3740, 22.1755



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



40.3665, 45.1566, 56.4584



70.2086, 79.4544, 101.9961



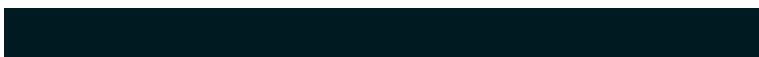
36.8981, 38.2197, 55.3023



10.1726, 11.0365, 12.8789



13.7310, 17.2184, 36.1564



0.6413, 0.8400, 1.5782

Inverse Universe

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



42.2795, 38.4450, 50.5418



74.2728, 65.4554, 89.3673



44.4267, 46.9816, 38.1801



10.3984, 10.2080, 12.1886



18.3267, 9.0204, 20.1644



0.8161, 0.3994, 0.9989

Previews

White Background



This preview shows how the XYZ color 40.3652, 45.1547, 56.4574 looks on a white background.

Color Contrast Check

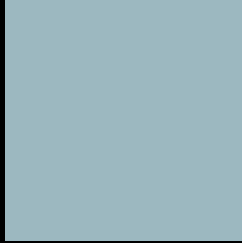
Large Text (above 18pt) WCAG AA × Fail

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 40.3652, 45.1547, 56.4574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

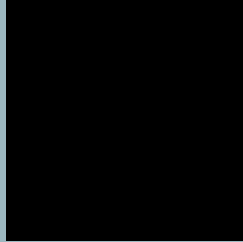
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

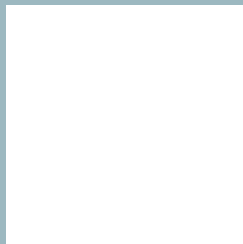
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.3652, 45.1547, 56.4574

Background



This preview shows how black text looks on a background with the XYZ color 40.3652, 45.1547, 56.4574.



This preview shows how white text looks on a background with the XYZ color 40.3652, 45.1547,

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

40.3652, 45.1547, 56.4574

Protanopia

43.5879, 45.0553, 53.9762

Deuteranopia

45.8599, 44.9860, 57.3050



Tritanopia

41.0312, 45.1123, 59.9710

Trichromacy



Original Color

40.3652, 45.1547, 56.4574

Protanomaly

42.3012, 44.9746, 54.5956

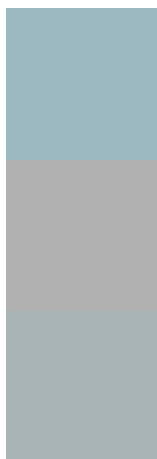
Deuteranomaly

43.6775, 45.0382, 56.8433

Tritanomaly

40.8019, 45.0206, 58.7639

Monochromacy



Original Color

40.3652, 45.1547, 56.4574

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.1269, 44.4549, 50.6690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3652, 45.1547, 56.4574 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(156, 184, 192)` looks like.

```
.text, #text, p{  
    color:rgb(156, 184, 192)  
}
```

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(156, 184, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 184, 192) }
```

Border

The CSS property to change the border of an element to XYZ 40.3652, 45.1547, 56.4574 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(156, 184, 192) }
```


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

```
.border{ border-color:rgb(156, 184, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 184, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 184, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 184, 192);  
box-shadow:4px 4px 4px 4px rgb(156, 184,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3652, 45.1547, 56.4574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 184, 192) }
```

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

```
.background{ background-color: rgb(156,  
184, 192) }
```

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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