

Converting Colors

XYZ(41.3137, 46.3448, 54.7415)

Have a look what the booklet for
XYZ(41.3137, 46.3448, 54.7415)
contains.

XYZ(41.2414, 46.2655, 54.9006)	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(41.2414, 46.2655,
54.9006)**

Conversions

Conversions Part 1

Format	Color
Hex	A0BABD
RGB	160, 186, 189
RGB Percent	63%, 73%, 74%
CMY	0.3725, 0.2706, 0.2588
CMYK	0.15, 0.02, 0.00, 0.26
HSL	186°, 18%, 68%
HSV	186°, 15%, 74%
XYZ	41.2414, 46.2655, 54.9006
YIQ	178.5680, -16.4590, -4.5790

Conversions

Conversions Part 2

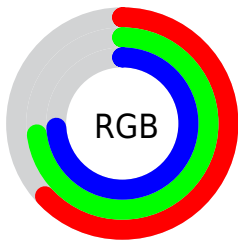
Format	Color
RYB	160, 174, 189
Decimal	10533565
CIELab	73.72, -8.18, -4.50
CIElCh	74, 9.338, 208.809
Yxy	46.2655, 0.2896, 0.3249
Android (android.graphics.Color)	4288723645 (0xFFA0BABD)
YUV	178.5680, 5.1430, -16.2841
Hunter-Lab	68.0187, -10.8040, -0.2422

Details

The XYZ color **41.2414, 46.2655, 54.9006** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4289, 39.5512, 38.7618**, and the grayscale version is **42.5988, 44.8173, 48.8060**.

A 20% lighter version of the original color is **76.2579, 84.5439, 98.6856**, and **19.0158, 21.7408, 26.4867** is the 20% darker color. If you saturate the color by 10%, you get **37.3382, 43.6478, 54.6018**, and if you desaturate by 10%, it is **45.7273, 49.1945, 55.2302**.

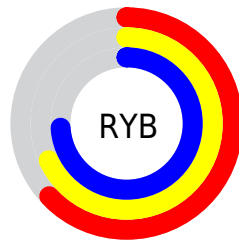
Distribution



Red (63%)

Green (73%)

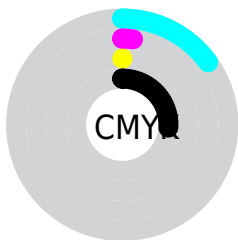
Blue (74%)



Red (63%)

Yellow (68%)

Blue (74%)

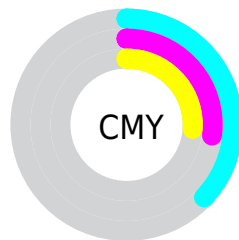


Cyan (15%)

Magenta (2%)

Yellow (0%)

Black (26%)



Cyan (37%)

Magenta (27%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2414, 46.2655, 54.9006 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 41.2414, 46.2655, 54.9006 by changing the saturation by 10% instead.

■ 41.2414, 46.2655,
54.9006

■ 41.2414, 46.2655,
54.9006

342.3739,
371.8750, 422.8064

■ 28.6963, 32.4554,
38.9241

■ 76.3226, 84.6162,
98.8650

■ 18.9943, 21.7096,
26.3933

■ 99.5894, 109.9256,
127.6899

■ 11.7701, 13.6436,
16.8897

127.1608,
139.8368, 161.6348

■ 6.6584, 7.8732,
9.9948

159.4021,
174.7343, 201.1181

■ 3.2938, 4.0139,
5.2899

196.6787,
215.0025, 246.5583

■ 1.3110, 1.6814,
2.3567

239.3560,

■ 0.1914, 0.4115,

261.0258, 298.3741

0.7627

287.7993,
313.1885, 356.9839

■ 0.0000, 0.0000,
0.0000

■ 41.2414, 46.2655,
54.9006

■ 41.2414, 46.2655,
54.9006

■ 37.3382, 43.6478,
54.6018

■ 45.7273, 49.1945,
55.2302

■ 33.9879, 41.3221,
54.3295

■ 50.8162, 52.4414,
55.5888

■ 31.1638, 39.2761,
54.0834

■ 56.5321, 56.0201,
55.9782

■ 28.8358, 37.4940,
53.8621

■ 62.8969, 59.9416,
56.3997

■ 26.9705, 35.9587,
53.6641

■ 69.9310, 64.2167,
56.8542

■ 25.5302, 34.6506,
53.4875

■ 70.5567, 65.1967,
57.0103

■ 24.4715, 33.5475,
53.3304

■ 71.0053, 66.0939,
57.1599

■ 23.7409, 32.6216,
53.1902

■ 71.4597, 67.0027,
57.3113

■ 23.4603, 32.2239,
53.1282

■ 71.9199, 67.9231,
57.4647

Harmonies

Analogous

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



40.8655, 46.2655, 50.1858



41.2414, 46.2655, 54.9006



42.3448, 46.2655, 58.5893

Triad

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



41.2414, 46.2655, 54.9006



46.7556, 46.2655, 55.2493



44.0402, 46.2655, 41.7937

Complementary

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



41.2414, 46.2655, 54.9006



40.4289, 39.5512, 38.7618

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.



45.6444, 46.2655, 42.9672



41.2414, 46.2655, 54.9006



47.2362, 46.2655, 50.5652

Square

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



41.2414, 46.2655, 54.9006



45.5269, 46.2655, 58.7994



46.8247, 46.2655, 46.1057



42.4567, 46.2655, 42.7968

Rectangle

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



41.2414, 46.2655, 54.9006



43.3586, 46.2655, 59.8651



46.8247, 46.2655, 46.1057



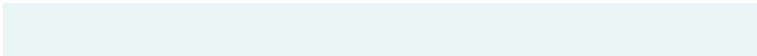
44.5951, 46.2655, 41.9453

Sweetspot

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



41.2427, 46.2674, 54.9016



82.1226, 88.2518, 98.9322



39.2975, 46.5103, 41.5104



17.5308, 18.8948, 21.2656



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.



41.2427, 46.2674, 54.9016



71.6998, 81.4262, 98.1640



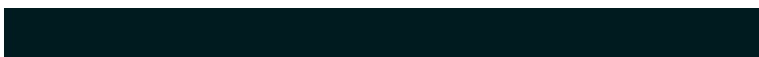
38.3598, 40.5016, 53.9407



9.7221, 10.6364, 12.2128



15.8173, 21.7464, 35.7567



0.6441, 0.9009, 1.4088

Inverse Universe

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



42.4210, 39.5065, 51.8463



74.1763, 67.3327, 91.7165



43.1335, 44.9602, 39.6633



9.8863, 9.6788, 11.7903



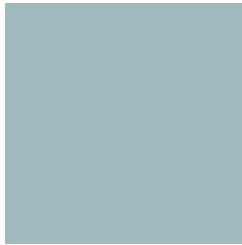
18.9846, 9.2250, 26.2764



0.7560, 0.3663, 1.0945

Previews

White Background



This preview shows how the XYZ color 41.2414, 46.2655, 54.9006 looks on a white background.

Color Contrast Check

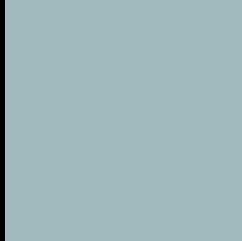
Large Text (above 18pt) WCAG AA × Fail

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 41.2414, 46.2655, 54.9006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

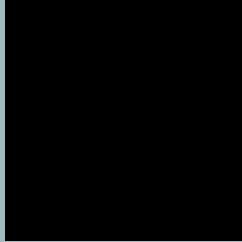
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2414, 46.2655, 54.9006

Background



This preview shows how black text looks on a background with the XYZ color 41.2414, 46.2655, 54.9006.



This preview shows how white text looks on a background with the XYZ color 41.2414, 46.2655,

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

41.2414, 46.2655, 54.9006

Protanopia

44.6067, 46.2126, 52.4678

Deuteranopia

46.9821, 45.8909, 55.6718



Tritanopia

42.3496, 46.0859, 60.6962

Trichromacy



Original Color

41.2414, 46.2655, 54.9006

Protanomaly

43.2701, 46.1150, 53.0749

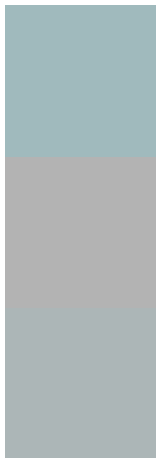
Deuteranomaly

44.7058, 45.9030, 55.2191

Tritanomaly

41.8972, 46.2151, 58.3419

Monochromacy



Original Color

41.2414, 46.2655, 54.9006

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.2884, 45.6455, 51.3814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2414, 46.2655, 54.9006 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(160, 186, 189)` looks like.

```
.text, #text, p{  
    color:rgb(160, 186, 189)  
}
```

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(160, 186, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 186, 189) }
```

Border

The CSS property to change the border of an element to XYZ 41.2414, 46.2655, 54.9006 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(160, 186, 189) }
```


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

```
.border{ border-color:rgb(160, 186, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 186, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 186, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 186, 189);  
box-shadow:4px 4px 4px 4px rgb(160, 186,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2414, 46.2655, 54.9006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 186, 189) }
```

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

```
.background{ background-color: rgb(160,  
186, 189) }
```

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