

Converting Colors

XYZ(42.3708, 49.3562, 52.3268)

Have a look what the booklet for
XYZ(42.3708, 49.3562, 52.3268)
contains.

XYZ(42.3362, 49.4761, 52.1182)	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(42.3362, 49.4761,
52.1182)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C2B7
RGB	160, 194, 183
RGB Percent	63%, 76%, 72%
CMY	0.3725, 0.2392, 0.2823
CMYK	0.18, 0.00, 0.06, 0.24
HSL	161°, 22%, 69%
HSV	161°, 18%, 76%
XYZ	42.3362, 49.4761, 52.1182
YIQ	182.5800, -16.7330, -10.6290

Conversions

Conversions Part 2

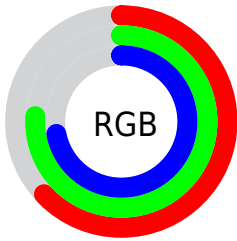
Format	Color
R_{YB}	160, 180, 194
Decimal	10535607
CIE _{Lab}	75.75, -13.61, 1.73
CIE _{LCh}	76, 13.718, 172.736
Yxy	49.4761, 0.2941, 0.3437
Android (android.graphics.Color)	4288725687 (0xFFA0C2B7)
YUV	182.5800, 0.2071, -19.8027
Hunter-Lab	70.3392, -15.6571, 5.3063

Details

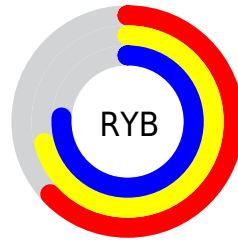
The XYZ color **42.3362, 49.4761, 52.1182** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1714, 39.5524, 43.9419**, and the grayscale version is **44.7864, 47.1188, 51.3123**.

A 20% lighter version of the original color is **78.1015, 89.6734, 94.8537**, and **19.5917, 23.5560, 24.6333** is the 20% darker color. If you saturate the color by 10%, you get **38.1178, 47.3766, 48.5863**, and if you desaturate by 10%, it is **47.1918, 51.9034, 55.8342**.

Distribution



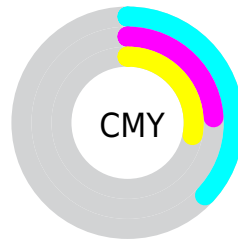
- Red (63%)
- Green (76%)
- Blue (72%)



- Red (63%)
- Yellow (71%)
- Blue (76%)



- Cyan (18%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)





- Cyan (37%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3362, 49.4761, 52.1182 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 42.3362, 49.4761, 52.1182 by changing the saturation by 10% instead.


 42.3362, 49.4761,
52.1182


 42.3362, 49.4761,
52.1182


346.8427,
384.6136, 411.8627

 29.5569, 34.9973,
36.7164


 77.9702, 89.3982,
94.7339

 19.6489, 23.6608,
24.6939


 101.5556,
115.6102, 122.7849

 12.2469, 15.0822,
15.6322


129.4737,
146.5021, 155.8893

 6.9854, 8.8771,
9.1128

162.0899,
182.4583, 194.4658

 3.4992, 4.6611,
4.7170

199.7695,
223.8632, 238.9328

 1.4229, 2.0498,
2.0264

242.8780,

 0.2725, 0.6362,

271.1011, 289.7090

0.5714

291.7806,
324.5564, 347.2127

■ 0.0000, 0.0000,
0.0000

■ 42.3362, 49.4761,
52.1182

■ 42.3362, 49.4761,
52.1182

■ 38.1178, 47.3766,
48.5863

■ 47.1918, 51.9034,
55.8342

■ 34.5040, 45.5841,
45.2318

■ 52.7069, 54.6659,
59.7341

■ 31.4656, 44.0850,
42.0525

■ 58.9079, 57.7786,
63.8221

■ 28.9694, 42.8621,
39.0447

■ 65.8185, 61.2536,
68.1011

■ 26.9784, 41.8966,
36.2047

■ 72.7202, 64.7205,
72.5393

■ 25.4510, 41.1668,
33.5283

■ 73.5397, 65.0483,
76.8544

■ 24.3386, 40.6479,
31.0111

■ 74.3903, 65.3885,
81.3341

■ 23.5712, 40.3038,
28.6476

■ 75.2726, 65.7415,
85.9802

■ 23.4049, 40.2303,
28.0851

■ 76.1869, 66.1071,
90.7944

Harmonies

Analogous

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



43.2374, 49.4761, 45.8226



42.3362, 49.4761, 52.1182



42.6549, 49.4761, 59.4713

Triad

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



42.3362, 49.4761, 52.1182



48.9424, 49.4761, 67.8589



50.0514, 49.4761, 43.4691

Complementary

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



42.3362, 49.4761, 52.1182



42.1714, 39.5524, 43.9419

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.



51.6850, 49.4761, 48.6339



42.3362, 49.4761, 52.1182



51.0288, 49.4761, 62.8107

Square

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



42.3362, 49.4761, 52.1182



46.4094, 49.4761, 69.0042



52.0490, 49.4761, 55.6628



47.6471, 49.4761, 41.1299

Rectangle

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



42.3362, 49.4761, 52.1182



43.5219, 49.4761, 63.9528



52.0490, 49.4761, 55.6628



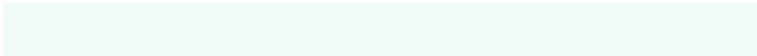
50.7123, 49.4761, 44.9088

Sweetspot

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



42.3376, 49.4782, 52.1193



87.8286, 95.1989, 102.8507



42.5058, 49.8193, 40.6341



19.0823, 20.7719, 22.4139



0.0000, 0.0000, 0.0000



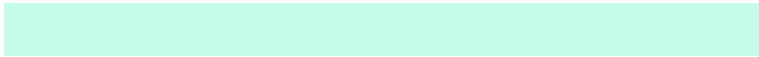
20.3446, 21.4041, 23.3091

Same Dimension

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



42.3376, 49.4782, 52.1193



73.6589, 88.1208, 91.9478



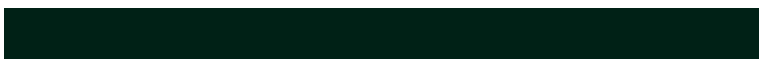
42.2909, 47.4796, 57.9770



10.2254, 11.3712, 12.1903



15.4261, 26.4645, 18.6689



0.6970, 1.1556, 0.9670

Inverse Universe

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



42.1714, 39.5524, 43.9419



73.3030, 66.8156, 74.3998



42.1705, 41.1601, 38.9804



10.2045, 10.1304, 11.1677



15.2470, 7.7885, 3.9467



0.6908, 0.3493, 0.3394

Previews

White Background



This preview shows how the XYZ color 42.3362, 49.4761, 52.1182 looks on a white background.

Color Contrast Check

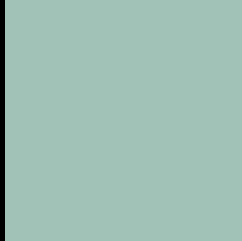
Large Text (above 18pt) WCAG AA × Fail

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 42.3362, 49.4761, 52.1182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

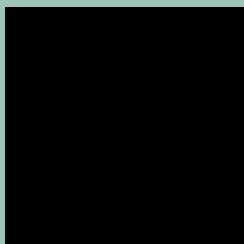
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

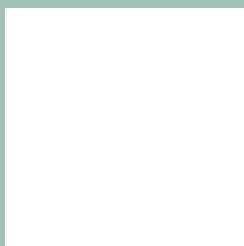
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3362, 49.4761, 52.1182

Background



This preview shows how black text looks on a background with the XYZ color 42.3362, 49.4761, 52.1182.



This preview shows how white text looks on a background with the XYZ color 42.3362, 49.4761,

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

42.3362, 49.4761, 52.1182

Protanopia

46.8707, 48.9886, 49.1049

Deuteranopia

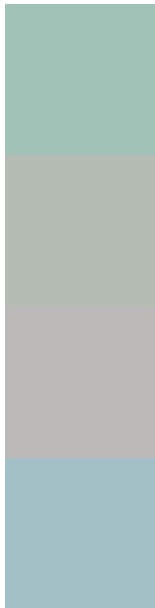
50.0860, 49.0251, 53.2773



Tritanopia

45.0812, 49.6103, 65.5922

Trichromacy



Original Color

42.3362, 49.4761, 52.1182

Protanomaly

45.0438, 48.9650, 50.2571

Deuteranomaly

46.8450, 48.8921, 52.8671

Tritanomaly

44.1469, 49.5630, 60.6659

Monochromacy



Original Color

42.3362, 49.4761, 52.1182

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.9968, 48.0735, 51.7600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3362, 49.4761, 52.1182 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, 194, 183)` looks like.

```
.text, #text, p{  
    color:rgb(160, 194, 183)  
}
```

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, 194, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 194, 183) }
```

Border

The CSS property to change the border of an element to XYZ 42.3362, 49.4761, 52.1182 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, 194, 183) }
```


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

```
.border{ border-color:rgb(160, 194, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 194, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 194, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 194, 183);  
box-shadow:4px 4px 4px 4px rgb(160, 194,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3362, 49.4761, 52.1182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 194, 183) }
```

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

```
.background{ background-color: rgb(160,  
194, 183) }
```

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