

Converting Colors

XYZ(34.1232, 41.3327, 56.0243)

Have a look what the booklet for
XYZ(34.1232, 41.3327, 56.0243)
contains.

| | |
|--|----|
| XYZ(34.1275, 41.3266, 56.0473) | 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(34.1275, 41.3266,
56.0473)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 79B6C0 |
| RGB | 121, 182, 192 |
| RGB Percent | 47%, 71%, 75% |
| CMY | 0.5255, 0.2863, 0.2471 |
| CMYK | 0.37, 0.05, 0.00, 0.25 |
| HSL | 188°, 36%, 61% |
| HSV | 188°, 37%, 75% |
| XYZ | 34.1275, 41.3266, 56.0473 |
| YIQ | 164.9010, -39.5660, -9.8220 |

Conversions

Conversions Part 2

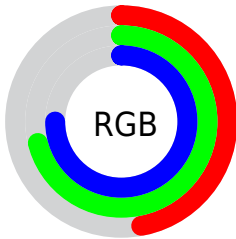
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 121, 154, 192 |
| Decimal | 7976640 |
| CIE _{Lab} | 70.40, -17.05, -11.31 |
| CIE _{LCh} | 70, 20.464, 213.561 |
| Yxy | 41.3266, 0.2595, 0.3143 |
| Android (android.graphics.Color) | 4286166720 (0xFF79B6C0) |
| YUV | 164.9010, 13.3598, -38.5012 |
| Hunter-Lab | 64.2858, -17.7395, -6.6917 |

Details

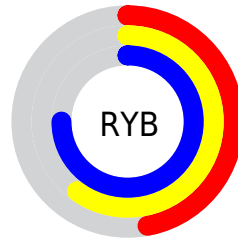
The XYZ color **34.1275, 41.3266, 56.0473** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.3063, 28.8200, 21.8975**, and the grayscale version is **35.6693, 37.5269, 40.8668**.

A 20% lighter version of the original color is **65.4223, 77.1565, 100.2515**, and **14.8944, 18.7935, 27.2686** is the 20% darker color. If you saturate the color by 10%, you get **31.1519, 38.9795, 55.7518**, and if you desaturate by 10%, it is **37.6518, 43.9744, 56.3733**.

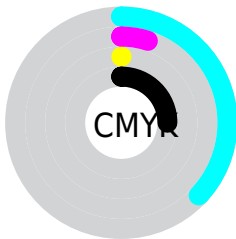
Distribution



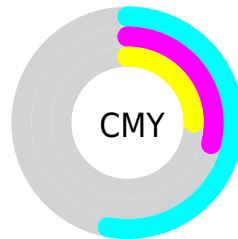
- Red (47%)
- Green (71%)
- Blue (75%)



- Red (47%)
- Yellow (60%)
- Blue (75%)



- Cyan (37%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1275, 41.3266, 56.0473 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 34.1275, 41.3266, 56.0473 by changing the saturation by 10% instead.

■ 34.1275, 41.3266,
56.0473

■ 34.1275, 41.3266,
56.0473

312.2761,
351.6838, 427.2630

■ 23.1549, 28.5744,
39.8366

■ 65.4749, 77.1794,
100.5602

■ 14.8293, 18.7591,
27.0983

■ 86.5804, 101.0488,
129.6995

■ 8.7852, 11.4963,
17.4140

■ 111.7942,
129.3927, 163.9854

■ 4.6573, 6.4017,
10.3650

141.4818,
162.5956, 203.8365

■ 2.0803, 3.0909,
5.5329

176.0084,
201.0417, 249.6712

■ 0.6785, 1.1793,
2.4990

215.7394,

■ 0.0000, 0.0447,

245.1155, 301.9082

0.8396

261.0402,
295.2014, 360.9660

■ 0.0000, 0.0000,
0.0000

■ 34.1275, 41.3266,
56.0473

■ 34.1275, 41.3266,
56.0473

■ 31.1519, 38.9795,
55.7518

■ 37.6518, 43.9744,
56.3733

■ 28.6893, 36.9116,
55.4825

■ 41.7503, 46.9332,
56.7284

■ 26.7055, 35.1063,
55.2386

■ 46.4517, 50.2189,
57.1148

■ 25.1605, 33.5428,
55.0182

■ 51.7813, 53.8445,
57.5338

■ 24.0078, 32.1970,
54.8192

■ 57.7632, 57.8226,
57.9863

■ 23.1836, 31.0361,
54.6385

■ 64.4200, 62.1650,
58.4736

■ 22.9632, 30.7030,
54.5859

■ 71.6248, 66.8063,
58.9898

■ 72.2604, 68.0774,
59.2016

■ 72.9071, 69.3709,
59.4172

Harmonies

Analogous

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



33.1653, 41.3266, 46.1594



34.1275, 41.3266, 56.0473



36.4668, 41.3266, 63.7278

Triad

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



34.1275, 41.3266, 56.0473



45.3673, 41.3266, 53.7692



38.8788, 41.3266, 28.9114

Complementary

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



34.1275, 41.3266, 56.0473



33.3063, 28.8200, 21.8975

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.



42.2336, 41.3266, 30.3521



34.1275, 41.3266, 56.0473



46.1029, 41.3266, 43.8555

Square

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



34.1275, 41.3266, 56.0473



42.9690, 41.3266, 62.2861



44.9260, 41.3266, 35.5050



35.8078, 41.3266, 31.2467

Rectangle

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



34.1275, 41.3266, 56.0473



38.5581, 41.3266, 66.0539



44.9260, 41.3266, 35.5050



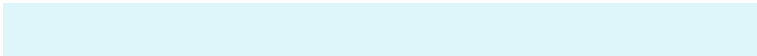
40.0102, 41.3266, 28.9719

Sweetspot

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



34.1287, 41.3282, 56.0483



80.4545, 88.4196, 103.1866



30.7963, 43.3893, 28.0365



17.0103, 18.7944, 22.1164



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.



34.1287, 41.3282, 56.0483



57.5868, 71.5493, 101.1355



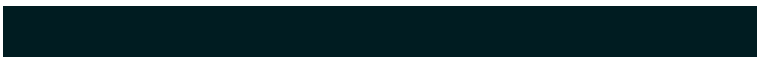
27.8394, 28.7495, 53.9518



10.2437, 11.1788, 12.9026



15.4946, 20.7457, 36.7443



0.7034, 0.9642, 1.5989

Inverse Universe

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



37.0201, 28.2596, 47.7612



63.6696, 45.0098, 83.4877



38.8204, 39.8482, 23.7355



10.4343, 10.2223, 12.3777



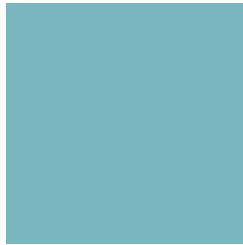
19.2169, 9.3765, 24.8522



0.8474, 0.4120, 1.1639

Previews

White Background



This preview shows how the XYZ color 34.1275, 41.3266, 56.0473 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 34.1275, 41.3266, 56.0473 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 34.1275, 41.3266, 56.0473

Background



This preview shows how black text looks on a background with the XYZ color 34.1275, 41.3266, 56.0473.

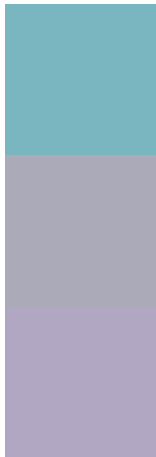


This preview shows how white text looks on a background with the XYZ color 34.1275, 41.3266,

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

34.1275, 41.3266, 56.0473

Protanopia

39.9263, 40.9102, 51.6911

Deuteranopia

41.8005, 40.9247, 57.3259



Tritanopia

34.5137, 41.1708, 58.3523

Trichromacy



Original Color

34.1275, 41.3266, 56.0473

Protanomaly

37.3500, 40.6752, 53.4595

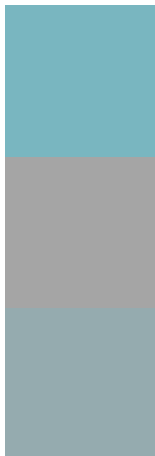
Deuteranomaly

38.3948, 40.5682, 56.8458

Tritanomaly

34.4002, 41.1255, 57.7547

Monochromacy



Original Color

34.1275, 41.3266, 56.0473

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.6952, 38.6105, 46.1814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1275, 41.3266, 56.0473 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(121, 182, 192)` looks like.

```
.text, #text, p{  
    color:rgb(121, 182, 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(121, 182, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 182, 192) }
```

Border

The CSS property to change the border of an element to XYZ 34.1275, 41.3266, 56.0473 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(121, 182, 192) }
```


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

```
.border{ border-color:rgb(121, 182, 192) }
```

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

Here you see how a box with a 4 pixel rgb(121, 182, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 182, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 182, 192);  
box-shadow:4px 4px 4px 4px rgb(121, 182,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1275, 41.3266, 56.0473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 182, 192) }
```

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

```
.background{ background-color: rgb(121,  
182, 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](#).

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