

Converting Colors

XYZ(34.8464, 41.2752, 53.4722)

Have a look what the booklet for
XYZ(34.8464, 41.2752, 53.4722)
contains.

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Color

**XYZ(34.7584, 41.0987,
53.6778)**

Conversions

Conversions Part 1

Format	Color
Hex	83B4BC
RGB	131, 180, 188
RGB Percent	51%, 71%, 74%
CMY	0.4863, 0.2941, 0.2627
CMYK	0.30, 0.04, 0.00, 0.26
HSL	188°, 30%, 63%
HSV	188°, 30%, 74%
XYZ	34.7584, 41.0987, 53.6778
YIQ	166.2610, -31.7720, -7.9000

Conversions

Conversions Part 2

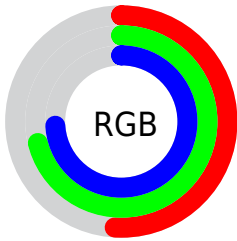
Format	Color
RYB	131, 157, 188
Decimal	8631484
CIELab	70.25, -14.19, -9.30
CIElCh	70, 16.964, 213.229
Yxy	41.0987, 0.2683, 0.3173
Android (android.graphics.Color)	4286821564 (0xFF83B4BC)
YUV	166.2610, 10.7173, -30.9239
Hunter-Lab	64.1083, -15.4098, -4.7677

Details

The XYZ color **34.7584, 41.0987, 53.6778** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.0688, 30.7954, 25.6220**, and the grayscale version is **36.3335, 38.2257, 41.6277**.

A 20% lighter version of the original color is **66.5743, 76.9617, 96.9342**, and **15.1870, 18.5903, 25.7095** is the 20% darker color. If you saturate the color by 10%, you get **31.5795, 38.6779, 53.3788**, and if you desaturate by 10%, it is **38.4782, 43.8154, 54.0068**.

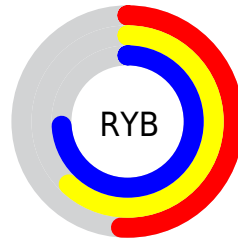
Distribution



Red (51%)

Green (71%)

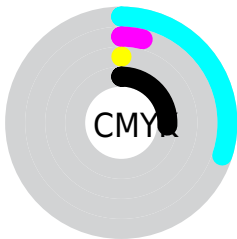
Blue (74%)



Red (51%)

Yellow (62%)

Blue (74%)

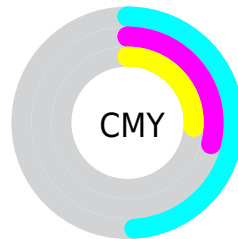


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (26%)



Cyan (49%)

Magenta (29%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7584, 41.0987, 53.6778 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 34.7584, 41.0987, 53.6778 by changing the saturation by 10% instead.

■ 34.7584, 41.0987,
53.6778

■ 34.7584, 41.0987,
53.6778

315.0274,
350.7330, 418.0200

■ 23.6425, 28.3962,
37.9527

■ 66.4478, 76.8337,
97.0526

■ 15.1919, 18.6245,
25.6444

■ 87.7520, 100.6350,
125.5394

■ 9.0414, 11.3993,
16.3345

■ 113.1830,
128.9047, 159.1172

■ 4.8255, 6.3361,
9.6042

143.1061,
162.0272, 198.2046

■ 2.1789, 3.0505,
5.0352

177.8868,
200.3869, 243.2200

■ 0.7316, 1.1582,
2.2088

217.8903,

■ 0.0000, 0.0271,

244.3681, 294.5820

0.6795

263.4821,
294.3554, 352.7091

■ 0.0000, 0.0000,
0.0000

■ 34.7584, 41.0987,
53.6778

■ 34.7584, 41.0987,
53.6778

■ 31.5795, 38.6779,
53.3788

■ 38.4782, 43.8154,
54.0068

■ 28.9093, 36.5332,
53.1055

■ 42.7617, 46.8369,
54.3643

■ 26.7175, 34.6501,
52.8576

■ 47.6349, 50.1776,
54.7522

■ 24.9693, 33.0104,
52.6332

■ 53.1210, 53.8495,
55.1718

■ 23.6250, 31.5937,
52.4306

■ 59.2420, 57.8641,
55.6241

■ 22.6375, 30.3756,
52.2476

■ 66.0188, 62.2323,
56.1101

■ 21.9312, 29.3388,
52.0847

■ 70.6186, 65.4936,
56.4971

■ 71.2287, 66.7138,
56.7005

■ 71.8493, 67.9551,
56.9074

Harmonies

Analogous

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



33.9634, 41.0987, 45.6178



34.7584, 41.0987, 53.6778



36.7035, 41.0987, 59.8633

Triad

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



34.7584, 41.0987, 53.6778



44.0347, 41.0987, 52.0084



38.7626, 41.0987, 31.1340

Complementary

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



34.7584, 41.0987, 53.6778



34.0688, 30.7954, 25.6220

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.



41.5216, 41.0987, 32.4211



34.7584, 41.0987, 53.6778



44.6492, 41.0987, 43.8923

Square

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



34.7584, 41.0987, 53.6778



42.0675, 41.0987, 58.8220



43.7093, 41.0987, 36.8706



36.2053, 41.0987, 33.1221

Rectangle

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



34.7584, 41.0987, 53.6778



38.4360, 41.0987, 61.7461



43.7093, 41.0987, 36.8706



39.6970, 41.0987, 31.1988

Sweetspot

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



34.7596, 41.1003, 53.6787



78.4764, 85.5625, 98.6053



31.9750, 42.6449, 30.8199



16.6146, 18.2184, 21.1834



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.



34.7596, 41.1003, 53.6787



59.2708, 71.6738, 96.9367



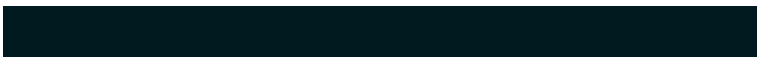
29.6499, 30.8810, 51.9755



9.6914, 10.5751, 12.2026



14.9726, 20.0570, 35.4751



0.6183, 0.8493, 1.4002

Inverse Universe

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



37.0945, 30.2201, 47.0599



64.2153, 49.2306, 82.7860



38.6735, 40.0049, 27.1569



9.8708, 9.6726, 11.7088



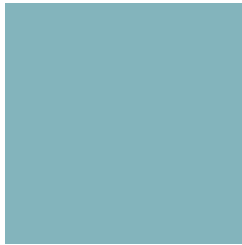
18.5583, 9.0545, 24.0312



0.7430, 0.3611, 1.0259

Previews

White Background



This preview shows how the XYZ color 34.7584, 41.0987, 53.6778 looks on a white background.

Color Contrast Check

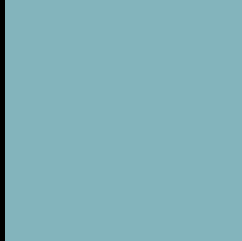
Large Text (above 18pt) WCAG AA × Fail

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 34.7584, 41.0987, 53.6778 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 34.7584, 41.0987, 53.6778

Background



This preview shows how black text looks on a background with the XYZ color 34.7584, 41.0987, 53.6778.

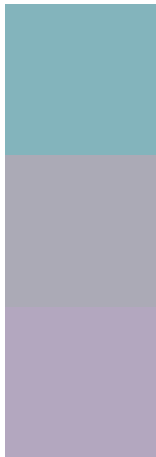


This preview shows how white text looks on a background with the XYZ color 34.7584, 41.0987,

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

34.7584, 41.0987, 53.6778

Protanopia

39.6128, 40.7848, 50.0404

Deuteranopia

41.8131, 40.9827, 54.9969



Tritanopia

35.2615, 40.9960, 56.5066

Trichromacy



Original Color

34.7584, 41.0987, 53.6778

Protanomaly

37.4981, 40.8007, 51.2464

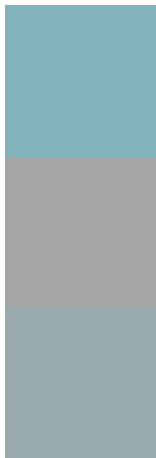
Deuteranomaly

38.9471, 40.9041, 54.5578

Tritanomaly

35.0398, 40.9073, 55.3393

Monochromacy



Original Color

34.7584, 41.0987, 53.6778

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.3398, 38.9541, 45.7007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7584, 41.0987, 53.6778 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(131, 180, 188)` looks like.

```
.text, #text, p{  
    color:rgb(131, 180, 188)  
}
```

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(131, 180, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 180, 188) }
```

Border

The CSS property to change the border of an element to XYZ 34.7584, 41.0987, 53.6778 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(131, 180, 188) }
```


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

```
.border{ border-color:rgb(131, 180, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 180, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 180, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 180, 188);  
box-shadow:4px 4px 4px 4px rgb(131, 180,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7584, 41.0987, 53.6778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 180, 188) }
```

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

```
.background{ background-color: rgb(131,  
180, 188) }
```

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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