

Converting Colors

XYZ(33.1453, 42.3848, 53.2104)

Have a look what the booklet for
XYZ(33.1453, 42.3848, 53.2104)
contains.

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Color

**XYZ(33.1704, 42.4435,
53.4579)**

Conversions

Conversions Part 1

Format	Color
Hex	6EBBBB
RGB	110, 187, 187
RGB Percent	43%, 73%, 73%
CMY	0.5686, 0.2667, 0.2667
CMYK	0.41, 0.00, 0.00, 0.27
HSL	180°, 36%, 58%
HSV	180°, 41%, 73%
XYZ	33.1704, 42.4435, 53.4579
YIQ	163.9770, -45.8920, -16.3240

Conversions

Conversions Part 2

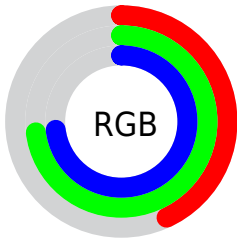
Format	Color
RYB	110, 149, 187
Decimal	7257019
CIELab	71.18, -23.73, -7.48
CIElCh	71, 24.881, 197.485
Yxy	42.4435, 0.2570, 0.3288
Android (android.graphics.Color)	4285447099 (0xFF6EBBBB)
YUV	163.9770, 11.3503, -47.3378
Hunter-Lab	65.1487, -23.1270, -3.0465

Details

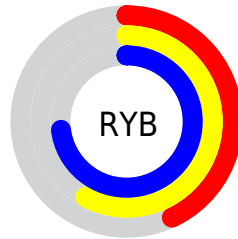
The XYZ color **33.1704, 42.4435, 53.4579** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.8854, 22.8438, 17.6403**, and the grayscale version is **35.2401, 37.0753, 40.3750**.

A 20% lighter version of the original color is **63.9541, 78.6792, 96.6099**, and **14.3495, 19.5557, 25.5726** is the 20% darker color. If you saturate the color by 10%, you get **31.0851, 41.3695, 53.3610**, and if you desaturate by 10%, it is **35.7492, 43.7739, 53.5798**.

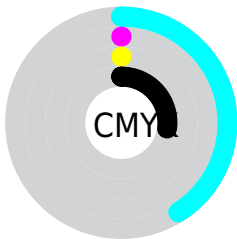
Distribution



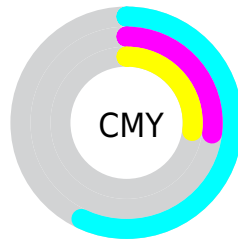
- Red (43%)
- Green (73%)
- Blue (73%)



- Red (43%)
- Yellow (58%)
- Blue (73%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (57%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1704, 42.4435, 53.4579 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 33.1704, 42.4435, 53.4579 by changing the saturation by 10% instead.

■ 33.1704, 42.4435,
53.4579

■ 33.1704, 42.4435,
53.4579

308.0683,
356.3181, 417.1555

■ 22.4169, 29.4487,
37.7782

■ 63.9944, 78.8704,
96.7262

■ 14.2818, 19.4205,
25.5101

■ 84.7955, 103.0713,
125.1519

■ 8.4000, 11.9745,
16.2350

■ 109.6766,
131.7764, 158.6633

■ 4.4059, 6.7263,
9.5345

139.0030,
165.3700, 197.6790

■ 1.9342, 3.2916,
4.9899

173.1400,
204.2366, 242.6175

■ 0.5966, 1.2858,
2.1827

212.4529,

■ 0.0000, 0.1301,

248.7606, 293.8974

0.6643

257.3073,
299.3263, 351.9372

■ 0.0000, 0.0000,
0.0000

■ 33.1704, 42.4435,
53.4579

■ 33.1704, 42.4435,
53.4579

■ 31.0851, 41.3695,
53.3610

■ 35.7492, 43.7739,
53.5798

■ 29.4584, 40.5309,
53.2846

■ 38.8461, 45.3705,
53.7250

■ 28.2568, 39.9115,
53.2281

■ 42.4888, 47.2483,
53.8957

■ 27.4406, 39.4907,
53.1897

■ 46.7015, 49.4201,
54.0931

■ 26.9629, 39.2445,
53.1671

■ 51.5075, 51.8976,
54.3183

■ 26.7405, 39.1298,
53.1564

■ 56.9283, 54.6921,
54.5722

■ 62.9846, 57.8143,
54.8559

■ 67.9812, 60.3901,
55.0900

■ 67.9812, 60.3901,
55.0902

Harmonies

Analogous

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



33.0128, 42.4435, 41.4166



33.1704, 42.4435, 53.4579



35.1644, 42.4435, 65.2787

Triad

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



33.1704, 42.4435, 53.4579



46.5411, 42.4435, 63.5233



42.1029, 42.4435, 27.2343

Complementary

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



33.1704, 42.4435, 53.4579



28.8854, 22.8438, 17.6403

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.



46.0028, 42.4435, 31.2772



33.1704, 42.4435, 53.4579



48.6812, 42.4435, 51.3677

Square

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



33.1704, 42.4435, 53.4579



42.7972, 42.4435, 71.7422



48.4776, 42.4435, 39.6555



37.9811, 42.4435, 27.5979

Rectangle

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



33.1704, 42.4435, 53.4579



37.3497, 42.4435, 70.8224



48.4776, 42.4435, 39.6555



43.4884, 42.4435, 28.0894

Sweetspot

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



33.1717, 42.4452, 53.4589



75.3839, 84.2521, 96.4900



27.1774, 40.0660, 21.0540



16.4032, 18.4518, 21.2395



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.



33.1717, 42.4452, 53.4589



56.1377, 74.3303, 95.5876



26.2732, 28.6479, 51.1604



9.8086, 10.8096, 12.2416



18.4238, 26.9598, 36.6239



0.7217, 1.0560, 1.4346

Inverse Universe

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



28.8854, 22.8438, 17.6403



47.4646, 34.6675, 23.1099



33.7770, 32.6270, 19.2703



9.5302, 9.5364, 9.9151



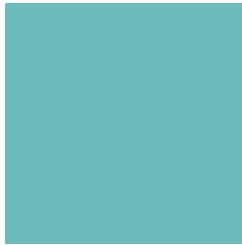
14.1203, 7.2793, 0.6609



0.5531, 0.2851, 0.0259

Previews

White Background



This preview shows how the XYZ color 33.1704, 42.4435, 53.4579 looks on a white background.

Color Contrast Check

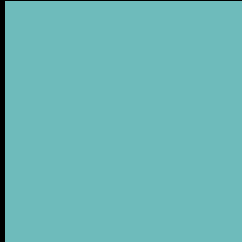
Large Text (above 18pt) WCAG AA × Fail

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 33.1704, 42.4435, 53.4579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

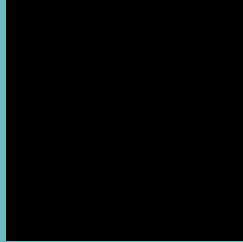
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.1704, 42.4435, 53.4579

Background



This preview shows how black text looks on a background with the XYZ color 33.1704, 42.4435, 53.4579.



This preview shows how white text looks on a background with the XYZ color 33.1704, 42.4435,

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

33.1704, 42.4435, 53.4579

Protanopia

40.4676, 41.8334, 48.0613

Deuteranopia

42.8833, 42.0826, 55.1528



Tritanopia

34.7137, 42.4455, 61.0068

Trichromacy



Original Color

33.1704, 42.4435, 53.4579

Protanomaly

36.8251, 41.3598, 49.7584

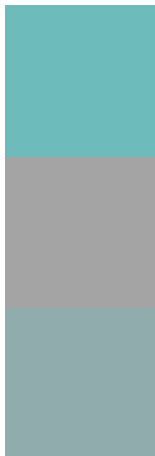
Deuteranomaly

38.5299, 41.8363, 54.7597

Tritanomaly

34.2193, 42.5687, 58.0428

Monochromacy



Original Color

33.1704, 42.4435, 53.4579

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

33.7005, 38.4129, 44.6679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1704, 42.4435, 53.4579 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(110, 187, 187)` looks like.

```
.text, #text, p{  
    color:rgb(110, 187, 187)  
}
```

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(110, 187, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 187, 187) }
```

Border

The CSS property to change the border of an element to XYZ 33.1704, 42.4435, 53.4579 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(110, 187, 187) }
```


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

```
.border{ border-color:rgb(110, 187, 187) }
```

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

Here you see how a box with a 4 pixel rgb(110, 187, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 187, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 187, 187);  
box-shadow:4px 4px 4px 4px rgb(110, 187,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1704, 42.4435, 53.4579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 187, 187) }
```

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

```
.background{ background-color: rgb(110,  
187, 187) }
```

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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