

Converting Colors

XYZ(30.5340, 33.5984, 53.0201)

Have a look what the booklet for
XYZ(30.5340, 33.5984, 53.0201)
contains.

XYZ(30.5344, 33.5995, 53.0201)	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(30.5344, 33.5995,
53.0201)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA1BD
RGB	126, 161, 189
RGB Percent	49%, 63%, 74%
CMY	0.5059, 0.3686, 0.2588
CMYK	0.33, 0.15, 0.00, 0.26
HSL	207°, 32%, 62%
HSV	207°, 33%, 74%
XYZ	30.5344, 33.5995, 53.0201
YIQ	153.7270, -29.8480, 1.2880

Conversions

Conversions Part 2

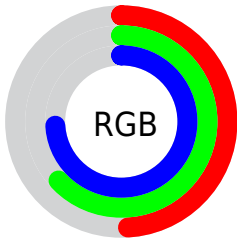
Format	Color
R _Y B	126, 149, 189
Decimal	8298941
CIE Lab	64.64, -5.16, -18.31
CIE LCh	65, 19.019, 254.261
Yxy	33.5995, 0.2606, 0.2868
Android (android.graphics.Color)	4286489021 (0xFF7EA1BD)
YUV	153.7270, 17.3896, -24.3166
Hunter-Lab	57.9651, -7.4100, -13.6564

Details

The XYZ color **30.5344, 33.5995, 53.0201** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.3084, 35.4369, 24.6661**, and the grayscale version is **30.5321, 32.1221, 34.9810**.

A 20% lighter version of the original color is **59.8597, 65.4076, 95.8562**, and **12.8439, 14.3853, 25.3922** is the 20% darker color. If you saturate the color by 10%, you get **26.5876, 29.4592, 52.4295**, and if you desaturate by 10%, it is **35.1084, 38.2111, 53.6697**.

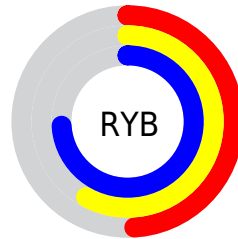
Distribution



Red (49%)

Green (63%)

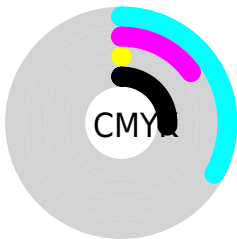
Blue (74%)



Red (49%)

Yellow (58%)

Blue (74%)

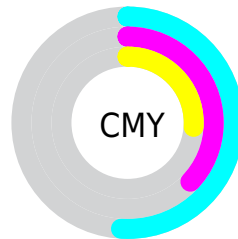


Cyan (33%)

Magenta (15%)

Yellow (0%)

Black (26%)



Cyan (51%)

Magenta (37%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5344, 33.5995, 53.0201 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 30.5344, 33.5995, 53.0201 by changing the saturation by 10% instead.

■ 30.5344, 33.5995,
53.0201

■ 30.5344, 33.5995,
53.0201

296.2529,
318.3425, 415.4307

■ 20.3947, 22.5861,
37.4310

■ 59.8871, 65.3104,
96.0758

■ 12.7922, 14.2882,
25.2430

■ 79.8308, 86.7766,
124.3794

■ 7.3616, 8.3214,
16.0375

■ 103.7732,
112.4960, 157.7584

■ 3.7376, 4.3013,
9.3960

132.0796,
142.8528, 196.6311

■ 1.5548, 1.8435,
4.9001

165.1154,
178.2314, 241.4161

■ 0.3627, 0.5141,
2.1310

203.2460,

■ 0.0000, 0.0000,

219.0163, 292.5321

0.6342

246.8367,
265.5919, 350.3974

■ 0.0000, 0.0000,
0.0000

■ 30.5344, 33.5995,
53.0201

■ 30.5344, 33.5995,
53.0201

■ 26.5876, 29.4592,
52.4295

■ 35.1084, 38.2111,
53.6697

■ 23.2333, 25.7670,
51.8937

■ 40.3358, 43.3080,
54.3780

■ 20.4378, 22.5036,
51.4111

■ 46.2449, 48.9082,
55.1475

■ 18.1624, 19.6459,
50.9794

■ 52.8614, 55.0275,
55.9799

■ 16.3631, 17.1681,
50.5960

■ 60.2096, 61.6811,
56.8769

■ 14.9870, 15.0396,
50.2577

■ 68.3126, 68.8834,
57.8400

■ 14.2374, 13.7781,
50.0537

■ 75.9664, 76.0162,
58.8134

■ 78.2241, 80.5315,
59.5659

■ 80.5940, 85.2714,
60.3559

Harmonies

Analogous

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



28.3263, 33.5995, 48.0942



30.5344, 33.5995, 53.0201



33.2441, 33.5995, 53.1485

Triad

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



30.5344, 33.5995, 53.0201



37.2900, 33.5995, 33.0091



28.4147, 33.5995, 26.8513

Complementary

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



30.5344, 33.5995, 53.0201



36.3084, 35.4369, 24.6661

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.



30.6613, 33.5995, 23.8777



30.5344, 33.5995, 53.0201



35.8385, 33.5995, 27.0747

Square

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



30.5344, 33.5995, 53.0201



37.2512, 33.5995, 40.8094



33.3784, 33.5995, 23.9532



27.1509, 33.5995, 32.6611

Rectangle

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



30.5344, 33.5995, 53.0201



34.9783, 33.5995, 50.4475



33.3784, 33.5995, 23.9532



29.0742, 33.5995, 25.5262

Sweetspot

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



30.5355, 33.6008, 53.0209



75.4632, 80.6463, 97.8152



32.5772, 43.1414, 36.8781



15.9177, 17.0465, 20.9939



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.



30.5355, 33.6008, 53.0209



49.4144, 54.6771, 94.1755



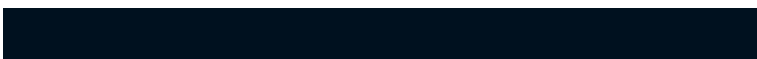
25.7997, 24.1293, 51.4423



9.4441, 10.0806, 12.1202



9.6565, 9.4246, 33.7031



0.4425, 0.4977, 1.3416

Inverse Universe

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



34.8810, 28.3148, 37.3465



58.5773, 44.4370, 60.9221



42.0600, 46.9401, 26.5833



9.7460, 9.6227, 11.0516



15.8749, 7.9811, 9.9008



0.6543, 0.3256, 0.5587

Previews

White Background



This preview shows how the XYZ color 30.5344, 33.5995, 53.0201 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 30.5344, 33.5995, 53.0201 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

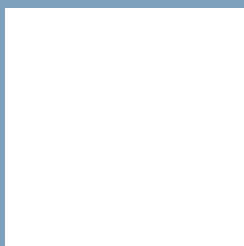
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5344, 33.5995, 53.0201

Background



This preview shows how black text looks on a background with the XYZ color 30.5344, 33.5995, 53.0201.



This preview shows how white text looks on a background with the XYZ color 30.5344, 33.5995,

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

30.5344, 33.5995, 53.0201

Protanopia

33.0560, 33.4295, 50.6092

Deuteranopia

34.1216, 33.4141, 53.9414



Tritanopia

29.1020, 33.5399, 46.0143

Trichromacy



Original Color

30.5344, 33.5995, 53.0201

Protanomaly

31.9044, 33.3218, 51.2046

Deuteranomaly

32.6843, 33.4239, 53.4440

Tritanomaly

29.5730, 33.4619, 48.6162

Monochromacy



Original Color

30.5344, 33.5995, 53.0201

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.5336, 32.8333, 41.2874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5344, 33.5995, 53.0201 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(126, 161, 189)` looks like.

```
.text, #text, p{  
    color:rgb(126, 161, 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(126, 161, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 161, 189) }
```

Border

The CSS property to change the border of an element to XYZ 30.5344, 33.5995, 53.0201 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(126, 161, 189) }
```


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

```
.border{ border-color:rgb(126, 161, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 161, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 161, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 161, 189);  
box-shadow:4px 4px 4px 4px rgb(126, 161,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5344, 33.5995, 53.0201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 161, 189) }
```

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

```
.background{ background-color: rgb(126,  
161, 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](#).

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