

Converting Colors

XYZ(30.6400, 33.6193, 42.9110)

Have a look what the booklet for
XYZ(30.6400, 33.6193, 42.9110)
contains.

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Color

**XYZ(30.6417, 33.6193,
42.9044)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA0AA
RGB	140, 160, 170
RGB Percent	55%, 63%, 67%
CMY	0.4510, 0.3725, 0.3333
CMYK	0.18, 0.06, 0.00, 0.33
HSL	200°, 15%, 61%
HSV	200°, 18%, 67%
XYZ	30.6417, 33.6193, 42.9044
YIQ	155.1600, -15.1300, -1.1300

Conversions

Conversions Part 2

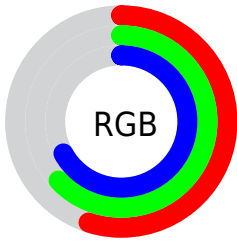
Format	Color
RYB	140, 152, 170
Decimal	9216170
CIELab	64.66, -4.83, -7.56
CIElCh	65, 8.968, 237.438
Yxy	33.6193, 0.2859, 0.3137
Android (android.graphics.Color)	4287406250 (0xFF8CA0AA)
YUV	155.1600, 7.3161, -13.2953
Hunter-Lab	57.9822, -7.1373, -3.2846

Details

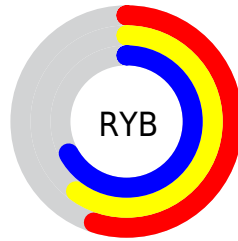
The XYZ color **30.6417, 33.6193, 42.9044** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2178, 32.2522, 29.3388**, and the grayscale version is **31.2007, 32.8256, 35.7471**.

A 20% lighter version of the original color is **60.1392, 65.5065, 80.7085**, and **12.8585, 14.3691, 19.2353** is the 20% darker color. If you saturate the color by 10%, you get **27.0358, 30.3363, 42.4613**, and if you desaturate by 10%, it is **34.7369, 37.2228, 43.3846**.

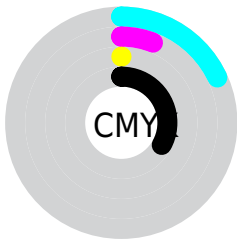
Distribution



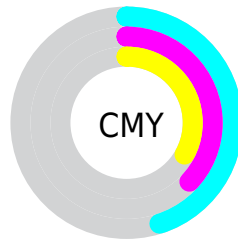
- Red (55%)
- Green (63%)
- Blue (67%)



- Red (55%)
- Yellow (60%)
- Blue (67%)



- Cyan (18%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)



- Cyan (45%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6417, 33.6193, 42.9044 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 30.6417, 33.6193, 42.9044 by changing the saturation by 10% instead.

■ 30.6417, 33.6193,
42.9044

■ 30.6417, 33.6193,
42.9044

296.7407,
318.4312, 374.1281

■ 20.4767, 22.6013,
29.4793

■ 60.0552, 65.3412,
80.8514

■ 12.8523, 14.2994,
19.1950

■ 80.0344, 86.8139,
106.2103

■ 7.4032, 8.3292,
11.6330

■ 104.0156,
112.5403, 136.3843

■ 3.7641, 4.3063,
6.3748

132.3643,
142.9047, 171.7918

■ 1.5695, 1.8463,
3.0019

165.4458,
178.2916, 212.8514

■ 0.3724, 0.5158,
1.0956

203.6255,

■ 0.0000, 0.0000,

219.0854, 259.9816

0.0000

247.2686,
265.6705, 313.6010

■ 30.6417, 33.6193,
42.9044

■ 30.6417, 33.6193,
42.9044

■ 27.0358, 30.3363,
42.4613

■ 34.7369, 37.2228,
43.3846

■ 23.8955, 27.3579,
42.0519

■ 39.3380, 41.1535,
43.9009

■ 21.1992, 24.6732,
41.6758

■ 44.4643, 45.4232,
44.4548

■ 18.9226, 22.2685,
41.3317

■ 50.1334, 50.0417,
45.0475

■ 17.0387, 20.1292,
41.0181

■ 56.3619, 55.0183,
45.6798

■ 15.5173, 18.2387,
40.7333

■ 63.1656, 60.3621,
46.3526

■ 14.3231, 16.5777,
40.4757

■ 69.0719, 65.3146,
46.9973

■ 13.4001, 15.1165,
40.2423

■ 70.4056, 67.9820,
47.4418

■ 13.1996, 14.7898,
40.1898

■ 71.7884, 70.7476,
47.9027

Harmonies

Analogous

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



29.8095, 33.6193, 39.9668



30.6417, 33.6193, 42.9044



31.8437, 33.6193, 44.1458

Triad

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



30.6417, 33.6193, 42.9044



34.4886, 33.6193, 36.9232



30.8282, 33.6193, 30.6736

Complementary

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



30.6417, 33.6193, 42.9044



32.2178, 32.2522, 29.3388

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.



32.0648, 33.6193, 29.9771



30.6417, 33.6193, 42.9044



34.1993, 33.6193, 33.4386

Square

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



30.6417, 33.6193, 42.9044



34.0838, 33.6193, 40.5509



33.3035, 33.6193, 30.9558



29.9151, 33.6193, 32.9251

Rectangle

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



30.6417, 33.6193, 42.9044



32.7009, 33.6193, 43.7860



33.3035, 33.6193, 30.9558



31.2188, 33.6193, 30.2567

Sweetspot

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



30.6427, 33.6207, 42.9052



65.0704, 69.3013, 78.9488



30.6554, 36.5114, 34.0759



14.3878, 15.3485, 17.5919



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.6427, 33.6207, 42.9052



53.0520, 58.7087, 77.5377



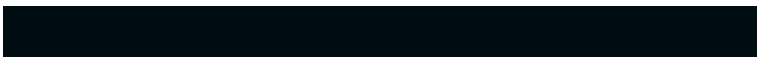
28.2735, 28.8824, 42.1154



7.5338, 8.1045, 9.5856



9.7624, 10.9849, 29.5813



0.2816, 0.3554, 0.7344

Inverse Universe

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



32.3016, 29.8410, 37.3166



56.6391, 50.7397, 65.4074



34.6769, 37.1703, 30.1585



7.7340, 7.6235, 8.9165



14.4282, 7.1800, 12.3323



0.3733, 0.1836, 0.4172

Previews

White Background



This preview shows how the XYZ color 30.6417, 33.6193, 42.9044 looks on a white background.

Color Contrast Check

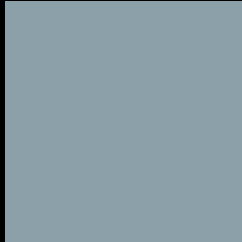
Large Text (above 18pt) WCAG AA × Fail

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 30.6417, 33.6193, 42.9044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

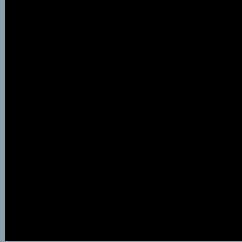
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

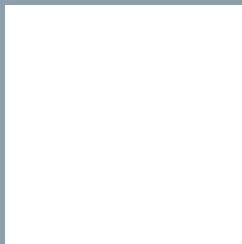
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6417, 33.6193, 42.9044

Background



This preview shows how black text looks on a background with the XYZ color 30.6417, 33.6193, 42.9044.



This preview shows how white text looks on a background with the XYZ color 30.6417, 33.6193,

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

30.6417, 33.6193, 42.9044

Protanopia

32.5738, 33.6349, 41.3346

Deuteranopia

34.1917, 33.4344, 43.6811



Tritanopia

30.8324, 33.6956, 43.9086

Trichromacy



Original Color

30.6417, 33.6193, 42.9044

Protanomaly

31.7025, 33.4251, 41.8266

Deuteranomaly

32.7823, 33.4509, 43.2569

Tritanomaly

30.7367, 33.6573, 43.4046

Monochromacy



Original Color

30.6417, 33.6193, 42.9044

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.9798, 33.1360, 38.0208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6417, 33.6193, 42.9044 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(140, 160, 170)` looks like.

```
.text, #text, p{  
    color:rgb(140, 160, 170)  
}
```

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(140, 160, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 160, 170) }
```

Border

The CSS property to change the border of an element to XYZ 30.6417, 33.6193, 42.9044 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(140, 160, 170) }
```


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

```
.border{ border-color:rgb(140, 160, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 160, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 160, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 160, 170);  
box-shadow:4px 4px 4px 4px rgb(140, 160,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6417, 33.6193, 42.9044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 160, 170) }
```

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

```
.background{ background-color: rgb(140,  
160, 170) }
```

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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