

Converting Colors

XYZ(32.6666, 36.4603, 48.9270)

Have a look what the booklet for
XYZ(32.6666, 36.4603, 48.9270)
contains.

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Color

**XYZ(32.6404, 36.3769,
49.0172)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA7B5
RGB	138, 167, 181
RGB Percent	54%, 65%, 71%
CMY	0.4588, 0.3451, 0.2902
CMYK	0.24, 0.08, 0.00, 0.29
HSL	200°, 23%, 63%
HSV	200°, 24%, 71%
XYZ	32.6404, 36.3769, 49.0172
YIQ	159.9250, -21.7780, -1.7940

Conversions

Conversions Part 2

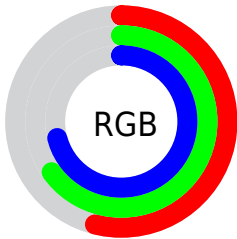
Format	Color
R_{YB}	138, 155, 181
Decimal	9086901
CIE _{Lab}	66.81, -6.79, -10.51
CIE _{LCh}	67, 12.512, 237.157
Yxy	36.3769, 0.2765, 0.3082
Android (android.graphics.Color)	4287276981 (0xFF8AA7B5)
YUV	159.9250, 10.3900, -19.2282
Hunter-Lab	60.3133, -8.9474, -5.9663

Details

The XYZ color **32.6404, 36.3769, 49.0172** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8721, 34.1152, 28.7924**, and the grayscale version is **33.3407, 35.0771, 38.1989**.

A 20% lighter version of the original color is **63.1456, 69.5634, 90.2197**, and **13.9575, 15.8462, 22.7451** is the 20% darker color. If you saturate the color by 10%, you get **28.8370, 32.8509, 48.5377**, and if you desaturate by 10%, it is **36.9942, 40.2615, 49.5381**.

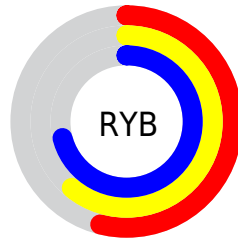
Distribution



Red (54%)

Green (65%)

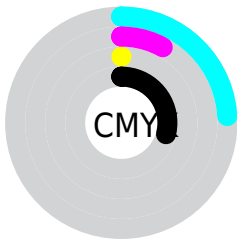
Blue (71%)



Red (54%)

Yellow (61%)

Blue (71%)

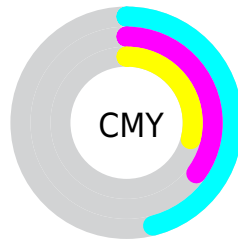


Cyan (24%)

Magenta (8%)

Yellow (0%)

Black (29%)



Cyan (46%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6404, 36.3769, 49.0172 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 32.6404, 36.3769, 49.0172 by changing the saturation by 10% instead.

■ 32.6404, 36.3769,
49.0172

■ 32.6404, 36.3769,
49.0172

305.7200,
330.6049, 399.4344

■ 22.0090, 24.7254,
34.2674

■ 63.1721, 69.6134,
90.0983

■ 13.9802, 15.8726,
22.8201

■ 83.8032, 91.9672,
117.2666

■ 8.1885, 9.4340,
14.2567

■ 108.4982,
118.6573, 149.4116

■ 4.2686, 5.0254,
8.1586

137.6226,
150.0680, 186.9517

■ 1.8552, 2.2622,
4.1074

171.5415,
186.5837, 230.3055

■ 0.5506, 0.7536,
1.6844

210.6205,

■ 0.0000, 0.0000,

228.5888, 279.8915

0.3500

255.2249,
276.4678, 336.1283

■ 0.0000, 0.0000,
0.0000

■ 32.6404, 36.3769,
49.0172

■ 32.6404, 36.3769,
49.0172

■ 28.8370, 32.8509,
48.5377

■ 36.9942, 40.2615,
49.5381

■ 25.5555, 29.6651,
48.0957

■ 41.9188, 44.5134,
50.0993

■ 22.7693, 26.8058,
47.6907

■ 47.4375, 49.1464,
50.7027

■ 20.4485, 24.2564,
47.3209

■ 53.5713, 54.1723,
51.3495

■ 18.5591, 21.9985,
46.9847

■ 60.3400, 59.6022,
52.0408

■ 17.0626, 20.0112,
46.6799

■ 67.7626, 65.4468,
52.7777

■ 15.9126, 18.2694,
46.4044

■ 72.1972, 69.8294,
53.3899

■ 15.3099, 17.2748,
46.2441

■ 73.6629, 72.7607,
53.8785

■ 75.1825, 75.8000,
54.3850

Harmonies

Analogous

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



31.4398, 36.3769, 44.5539



32.6404, 36.3769, 49.0172



34.3951, 36.3769, 50.9458

Triad

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



32.6404, 36.3769, 49.0172



38.3354, 36.3769, 40.1271



32.9420, 36.3769, 31.0465

Complementary

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



32.6404, 36.3769, 49.0172



34.8721, 34.1152, 28.7924

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.



34.7558, 36.3769, 30.0914



32.6404, 36.3769, 49.0172



37.9124, 36.3769, 35.0429

Square

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



32.6404, 36.3769, 49.0172



37.7209, 36.3769, 45.5286



36.5849, 36.3769, 31.4877



31.6094, 36.3769, 34.2248

Rectangle

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



32.6404, 36.3769, 49.0172



35.6589, 36.3769, 50.4148



36.5849, 36.3769, 31.4877



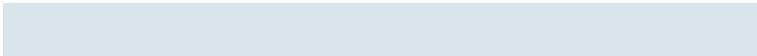
33.5136, 36.3769, 30.4681

Sweetspot

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



32.6415, 36.3784, 49.0180



71.9940, 77.0873, 89.3795



32.6419, 40.7062, 35.6788



15.4477, 16.5643, 19.3053



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.6415, 36.3784, 49.0180



54.4393, 61.4570, 87.2877



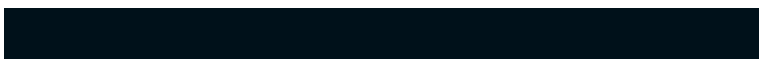
29.0833, 29.2620, 47.8320



8.5048, 9.1559, 10.8253



10.6193, 12.0389, 31.9010



0.3845, 0.4795, 1.0205

Inverse Universe

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



35.1204, 30.7915, 40.6532



59.8092, 49.8492, 69.0568



38.6101, 41.5913, 30.0384



8.7300, 8.5987, 10.0767



15.5948, 7.7555, 13.5580



0.5161, 0.2542, 0.5604

Previews

White Background



This preview shows how the XYZ color 32.6404, 36.3769, 49.0172 looks on a white background.

Color Contrast Check

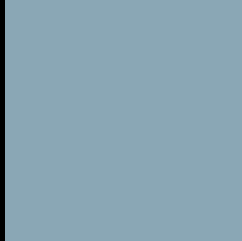
Large Text (above 18pt) WCAG AA × Fail

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 32.6404, 36.3769, 49.0172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

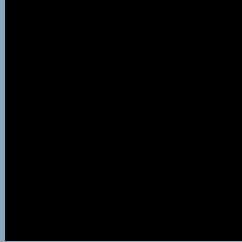
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6404, 36.3769, 49.0172

Background



This preview shows how black text looks on a background with the XYZ color 32.6404, 36.3769, 49.0172.



This preview shows how white text looks on a background with the XYZ color 32.6404, 36.3769,

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

32.6404, 36.3769, 49.0172

Protanopia

35.3786, 36.2411, 46.7256

Deuteranopia

36.9226, 36.1974, 49.8405



Tritanopia

32.5382, 36.3360, 48.4786

Trichromacy



Original Color

32.6404, 36.3769, 49.0172

Protanomaly

34.2699, 36.1810, 47.2969

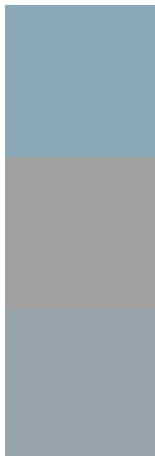
Deuteranomaly

35.0930, 36.0352, 49.3619

Tritanomaly

32.5382, 36.3360, 48.4786

Monochromacy



Original Color

32.6404, 36.3769, 49.0172

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.1140, 35.6969, 42.1907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6404, 36.3769, 49.0172 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(138, 167, 181)` looks like.

```
.text, #text, p{  
    color:rgb(138, 167, 181)  
}
```

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(138, 167, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 167, 181) }
```

Border

The CSS property to change the border of an element to XYZ 32.6404, 36.3769, 49.0172 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(138, 167, 181) }
```


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

```
.border{ border-color:rgb(138, 167, 181) }
```

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

Here you see how a box with a 4 pixel rgb(138, 167, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 167, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 167, 181);  
box-shadow:4px 4px 4px 4px rgb(138, 167,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6404, 36.3769, 49.0172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 167, 181) }
```

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

```
.background{ background-color: rgb(138,  
167, 181) }
```

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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