

Converting Colors

XYZ(32.1975, 36.1247, 50.0755)

Have a look what the booklet for
XYZ(32.1975, 36.1247, 50.0755)
contains.

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Color

**XYZ(32.1975, 36.1247,
50.0755)**

Conversions

Conversions Part 1

Format	Color
Hex	86A7B7
RGB	134, 167, 183
RGB Percent	53%, 65%, 72%
CMY	0.4745, 0.3451, 0.2823
CMYK	0.27, 0.09, 0.00, 0.28
HSL	200°, 25%, 62%
HSV	200°, 27%, 72%
XYZ	32.1975, 36.1247, 50.0755
YIQ	158.9570, -24.8040, -2.0200

Conversions

Conversions Part 2

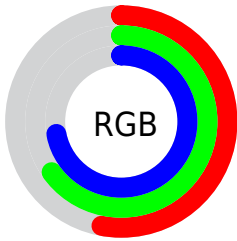
Format	Color
RYB	134, 154, 183
Decimal	8824759
CIELab	66.62, -7.55, -11.94
CIELCh	67, 14.125, 237.690
Yxy	36.1247, 0.2719, 0.3051
Android (android.graphics.Color)	4287014839 (0xFF86A7B7)
YUV	158.9570, 11.8532, -21.8873
Hunter-Lab	60.1038, -9.5596, -7.3248

Details

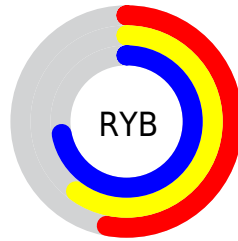
The XYZ color **32.1975, 36.1247, 50.0755** is a light color, and the websafe version is hex **669999**. A complement of this color would be **34.7383, 33.6014, 27.2100**, and the grayscale version is **32.8916, 34.6045, 37.6843**.

A 20% lighter version of the original color is **62.4403, 69.1659, 91.7208**, and **13.7273, 15.7122, 23.4283** is the 20% darker color. If you saturate the color by 10%, you get **28.4602, 32.6113, 49.5949**, and if you desaturate by 10%, it is **36.4923, 40.0024, 50.5982**.

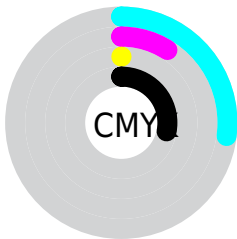
Distribution



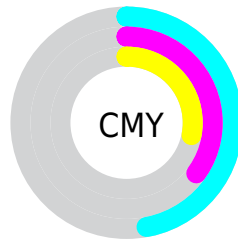
- Red (53%)
- Green (65%)
- Blue (72%)



- Red (53%)
- Yellow (60%)
- Blue (72%)



- Cyan (27%)
- Magenta (9%)
- Yellow (0%)
- Black (28%)



- Cyan (47%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1975, 36.1247, 50.0755 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 32.1975, 36.1247, 50.0755 by changing the saturation by 10% instead.

■ 32.1975, 36.1247,
50.0755

■ 32.1975, 36.1247,
50.0755

303.7473,
329.5053, 403.7046

■ 21.6687, 24.5305,
35.1018

■ 62.4837, 69.2245,
91.6842

■ 13.7289, 15.7276,
23.4571

■ 82.9718, 91.4989,
119.1562

■ 8.0128, 9.3316,
14.7229

■ 107.5103,
118.1022, 151.6315

■ 4.1550, 4.9581,
8.4807

136.4646,
149.4187, 189.5285

■ 1.7902, 2.2227,
4.3119

170.2001,
185.8329, 233.2658

■ 0.5118, 0.7323,
1.7980

209.0822,

■ 0.0000, 0.0000,

227.7291, 283.2619

0.4266

253.4761,
275.4918, 339.9353

■ 0.0000, 0.0000,
0.0000

■ 32.1975, 36.1247,
50.0755

■ 32.1975, 36.1247,
50.0755

■ 28.4602, 32.6113,
49.5949

■ 36.4923, 40.0024,
50.5982

■ 25.2504, 29.4431,
49.1526

■ 41.3662, 44.2537,
51.1619

■ 22.5402, 26.6055,
48.7477

■ 46.8434, 48.8931,
51.7687

■ 20.2977, 24.0810,
48.3786

■ 52.9458, 53.9328,
52.4199

■ 18.4869, 21.8499,
48.0434

■ 59.6942, 59.3844,
53.1164

■ 17.0659, 19.8897,
47.7400

■ 67.1084, 65.2590,
53.8596

■ 15.9776, 18.1698,
47.4653

■ 72.5455, 70.1951,
54.5258

■ 15.6617, 17.6476,
47.3812

■ 74.0374, 73.1791,
55.0231

■ 75.5849, 76.2741,
55.5390

Harmonies

Analogous

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



30.8431, 36.1247, 45.0256



32.1975, 36.1247, 50.0755



34.1710, 36.1247, 52.2226

Triad

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



32.1975, 36.1247, 50.0755



38.5819, 36.1247, 39.8073



32.4716, 36.1247, 29.8553

Complementary

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



32.1975, 36.1247, 50.0755



34.7383, 33.6014, 27.2100

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.



34.5004, 36.1247, 28.7618



32.1975, 36.1247, 50.0755



38.0820, 36.1247, 34.1428

Square

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



32.1975, 36.1247, 50.0755



37.9057, 36.1247, 45.9256



36.5660, 36.1247, 30.2496



30.9967, 36.1247, 33.4047

Rectangle

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



32.1975, 36.1247, 50.0755



35.5920, 36.1247, 51.5684



36.5660, 36.1247, 30.2496



33.1088, 36.1247, 29.2054

Sweetspot

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



32.1986, 36.1262, 50.0763



72.8382, 78.1832, 91.4876



32.2319, 41.1225, 34.8900



15.7871, 17.0084, 20.1725



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.1986, 36.1262, 50.0763



53.6957, 61.0013, 89.1801



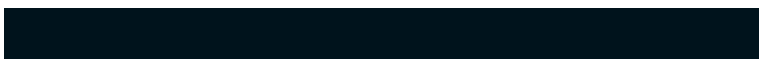
28.1995, 28.1280, 48.7433



9.0129, 9.7030, 11.4773



10.9903, 12.4403, 33.0750



0.4412, 0.5462, 1.1839

Inverse Universe

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



35.0295, 29.9084, 40.4875



59.6967, 48.3841, 68.7272



38.9715, 42.0678, 28.6210



9.2528, 9.1115, 10.6789



16.1611, 8.0382, 14.0009



0.5969, 0.2942, 0.6366

Previews

White Background



This preview shows how the XYZ color 32.1975, 36.1247, 50.0755 looks on a white background.

Color Contrast Check

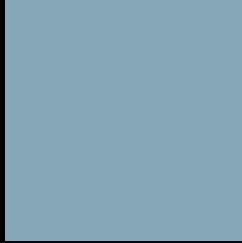
Large Text (above 18pt) WCAG AA × Fail

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 32.1975, 36.1247, 50.0755 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

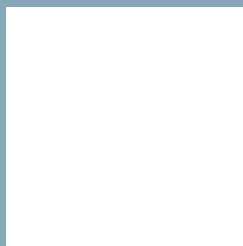
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1975, 36.1247, 50.0755

Background



This preview shows how black text looks on a background with the XYZ color 32.1975, 36.1247, 50.0755.



This preview shows how white text looks on a background with the XYZ color 32.1975, 36.1247,

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

32.1975, 36.1247, 50.0755

Protanopia

35.0056, 35.7672, 47.7066

Deuteranopia

36.7097, 36.0635, 50.9251



Tritanopia

31.9907, 36.0420, 48.9868

Trichromacy



Original Color

32.1975, 36.1247, 50.0755

Protanomaly

33.9131, 35.9737, 48.3362

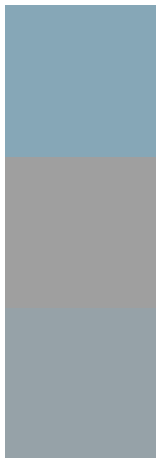
Deuteranomaly

34.7230, 35.8205, 50.4313

Tritanomaly

32.0937, 36.0832, 49.5292

Monochromacy



Original Color

32.1975, 36.1247, 50.0755

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.5659, 35.1518, 42.1144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1975, 36.1247, 50.0755 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(134, 167, 183)` looks like.

```
.text, #text, p{  
    color:rgb(134, 167, 183)  
}
```

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(134, 167, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 167, 183) }
```

Border

The CSS property to change the border of an element to XYZ 32.1975, 36.1247, 50.0755 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(134, 167, 183) }
```


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

```
.border{ border-color:rgb(134, 167, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 167, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 167, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 167, 183);  
box-shadow:4px 4px 4px 4px rgb(134, 167,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1975, 36.1247, 50.0755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 167, 183) }
```

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

```
.background{ background-color: rgb(134,  
167, 183) }
```

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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