

Converting Colors

XYZ(32.7403, 34.1121, 46.4537)

Have a look what the booklet for
XYZ(32.7403, 34.1121, 46.4537)
contains.

XYZ(32.7403, 34.1121, 46.4537)	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(32.7403, 34.1121,
46.4537)**

Conversions

Conversions Part 1

Format	Color
Hex	969EB1
RGB	150, 158, 177
RGB Percent	59%, 62%, 69%
CMY	0.4118, 0.3804, 0.3059
CMYK	0.15, 0.11, 0.00, 0.31
HSL	222°, 15%, 64%
HSV	222°, 15%, 69%
XYZ	32.7403, 34.1121, 46.4537
YIQ	157.7740, -10.8670, 4.2130

Conversions

Conversions Part 2

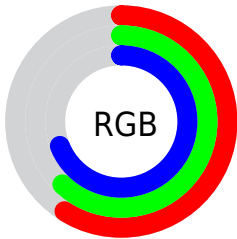
Format	Color
RYB	150, 156, 177
Decimal	9871025
CIELab	65.05, 1.14, -10.82
CIELCh	65, 10.878, 276.003
Yxy	34.1121, 0.2890, 0.3011
Android (android.graphics.Color)	4288061105 (0xFF969EB1)
YUV	157.7740, 9.4784, -6.8178
Hunter-Lab	58.4056, -2.1483, -6.2733

Details

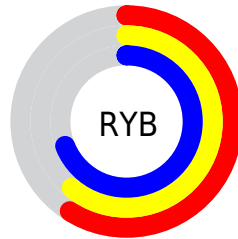
The XYZ color **32.7403, 34.1121, 46.4537** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8245, 39.9247, 34.5674**, and the grayscale version is **32.3598, 34.0450, 37.0750**.

A 20% lighter version of the original color is **63.4041, 66.3091, 86.5480**, and **14.0414, 14.6233, 21.1513** is the 20% darker color. If you saturate the color by 10%, you get **27.7084, 28.5234, 45.6407**, and if you desaturate by 10%, it is **38.4815, 40.3878, 47.3630**.

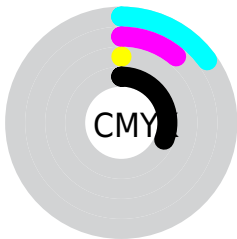
Distribution



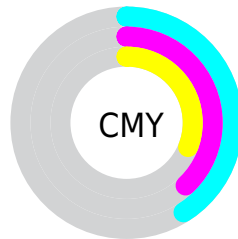
- Red (59%)
- Green (62%)
- Blue (69%)



- Red (59%)
- Yellow (61%)
- Blue (69%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (41%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7403, 34.1121, 46.4537 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 32.7403, 34.1121, 46.4537 by changing the saturation by 10% instead.

■ 32.7403, 34.1121,
46.4537

■ 32.7403, 34.1121,
46.4537

306.1636,
320.6316, 388.9601

■ 22.0859, 22.9797,
32.2527

■ 63.3273, 66.1080,
86.2390

■ 14.0370, 14.5785,
21.2882

■ 83.9905, 87.7402,
112.6605

■ 8.2282, 8.5241,
13.1415

108.7207,
113.6413, 143.9925

■ 4.2944, 4.4321,
7.3942

137.8832,
144.1955, 180.6536

■ 1.8700, 1.9181,
3.6277

171.8434,
179.7872, 223.0624

■ 0.5593, 0.5592,
1.4234

210.9666,

■ 0.0000, 0.0000,

220.8009, 271.6374

0.1599

255.6182,
267.6209, 326.7971

■ 0.0000, 0.0000,
0.0000

■ 32.7403, 34.1121,
46.4537

■ 32.7403, 34.1121,
46.4537

■ 27.7084, 28.5234,
45.6407

■ 38.4815, 40.3878,
47.3630

■ 23.3544, 23.5935,
44.9186

■ 44.9558, 47.3692,
48.3693

■ 19.6491, 19.2982,
44.2849

■ 52.1893, 55.0794,
49.4763

■ 16.5595, 15.6101,
43.7358

■ 60.2063, 63.5392,
50.6866

■ 14.0500, 12.4997,
43.2677

■ 69.0296, 72.7686,
52.0030

■ 12.0808, 9.9349,
42.8764

■ 78.2378, 82.5580,
53.4073

■ 10.6067, 7.8797,
42.5574

■ 81.8833, 89.8490,
54.6224

■ 9.5730, 6.2923,
42.3055

■ 84.9359, 95.9544,
55.6400

■ 9.1846, 5.6718,
42.2062

Harmonies

Analogous

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



31.2063, 34.1121, 45.6434



32.7403, 34.1121, 46.4537



34.2357, 34.1121, 44.6105

Triad

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



32.7403, 34.1121, 46.4537



34.9349, 34.1121, 32.2733



29.7336, 34.1121, 33.7252

Complementary

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



32.7403, 34.1121, 46.4537



37.8245, 39.9247, 34.5674

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.



30.6746, 34.1121, 30.5578



32.7403, 34.1121, 46.4537



33.6699, 34.1121, 29.7682

Square

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



32.7403, 34.1121, 46.4537



35.5288, 34.1121, 36.2425



32.1068, 34.1121, 29.1665



29.5028, 34.1121, 38.0568

Rectangle

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



32.7403, 34.1121, 46.4537



34.9989, 34.1121, 42.2065



32.1068, 34.1121, 29.1665



29.9758, 34.1121, 32.5003

Sweetspot

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



32.7413, 34.1135, 46.4545



69.1028, 72.5326, 84.8534



35.4524, 40.7897, 43.4921



14.8138, 15.5433, 18.3637



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.7413, 34.1135, 46.4545



55.7536, 57.9105, 82.7346



32.4372, 31.9958, 46.0617



8.2405, 8.6271, 10.7372



6.7015, 4.2033, 30.5951



0.2629, 0.2364, 0.9800

Inverse Universe

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



35.2101, 33.6291, 36.9847



60.9728, 56.9785, 62.6942



38.1533, 42.3724, 35.0225



8.5966, 8.5453, 9.3739



13.6172, 6.9645, 3.1444



0.4547, 0.2296, 0.2374

Previews

White Background



This preview shows how the XYZ color 32.7403, 34.1121, 46.4537 looks on a white background.

Color Contrast Check

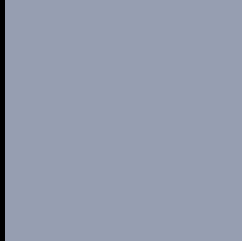
Large Text (above 18pt) WCAG AA × Fail

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 32.7403, 34.1121, 46.4537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

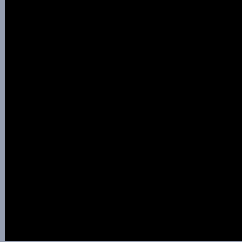
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7403, 34.1121, 46.4537

Background



This preview shows how black text looks on a background with the XYZ color 32.7403, 34.1121, 46.4537.



This preview shows how white text looks on a background with the XYZ color 32.7403, 34.1121,

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

32.7403, 34.1121, 46.4537

Protanopia

33.4110, 34.2171, 45.9179

Deuteranopia

34.9013, 34.2181, 46.8847



Tritanopia

32.2390, 34.1644, 43.9249

Trichromacy



Original Color

32.7403, 34.1121, 46.4537

Protanomaly

33.0303, 34.0208, 45.9001

Deuteranomaly

34.0553, 34.0280, 46.8926

Tritanomaly

32.4325, 34.2418, 44.9444

Monochromacy



Original Color

32.7403, 34.1121, 46.4537

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.5360, 34.1389, 40.4719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7403, 34.1121, 46.4537 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(150, 158, 177)` looks like.

```
.text, #text, p{  
    color:rgb(150, 158, 177)  
}
```

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(150, 158, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 158, 177) }
```

Border

The CSS property to change the border of an element to XYZ 32.7403, 34.1121, 46.4537 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(150, 158, 177) }
```


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

```
.border{ border-color:rgb(150, 158, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 158, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 158, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 158, 177);  
box-shadow:4px 4px 4px 4px rgb(150, 158,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7403, 34.1121, 46.4537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 158, 177) }
```

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

```
.background{ background-color: rgb(150,  
158, 177) }
```

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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