

Converting Colors

XYZ(32.1287, 36.9503, 48.6188)

Have a look what the booklet for
XYZ(32.1287, 36.9503, 48.6188)
contains.

XYZ(32.1287, 36.9503, 48.6188)	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(32.1287, 36.9503,
48.6188)**

Conversions

Conversions Part 1

Format	Color
Hex	84AAB4
RGB	132, 170, 180
RGB Percent	52%, 67%, 71%
CMY	0.4823, 0.3333, 0.2941
CMYK	0.27, 0.06, 0.00, 0.29
HSL	192°, 24%, 61%
HSV	192°, 27%, 71%
XYZ	32.1287, 36.9503, 48.6188
YIQ	159.7780, -25.8580, -4.9460

Conversions

Conversions Part 2

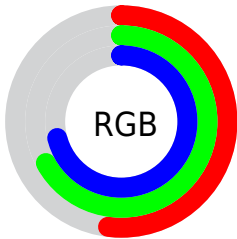
Format	Color
R _Y B	132, 153, 180
Decimal	8694452
CIE Lab	67.24, -10.49, -9.35
CIE LCh	67, 14.052, 221.708
Yxy	36.9503, 0.2730, 0.3139
Android (android.graphics.Color)	4286884532 (0xFF84AAB4)
YUV	159.7780, 9.9694, -24.3613
Hunter-Lab	60.7868, -12.0311, -4.8709

Details

The XYZ color **32.1287, 36.9503, 48.6188** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.6607, 30.7155, 26.0380**, and the grayscale version is **33.2764, 35.0094, 38.1252**.

A 20% lighter version of the original color is **62.3152, 70.3457, 89.6506**, and **13.7025, 16.2385, 22.4908** is the 20% darker color. If you saturate the color by 10%, you get **28.8605, 34.2378, 48.2681**, and if you desaturate by 10%, it is **35.9048, 39.9562, 49.0006**.

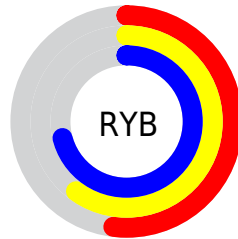
Distribution



Red (52%)

Green (67%)

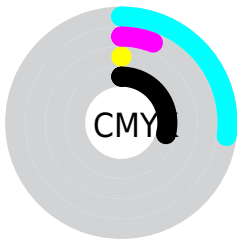
Blue (71%)



Red (52%)

Yellow (60%)

Blue (71%)

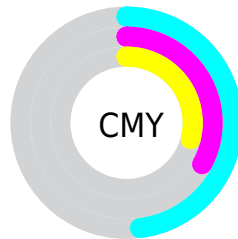


Cyan (27%)

Magenta (6%)

Yellow (0%)

Black (29%)



Cyan (48%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1287, 36.9503, 48.6188 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 32.1287, 36.9503, 48.6188 by changing the saturation by 10% instead.

■ 32.1287, 36.9503,
48.6188

■ 32.1287, 36.9503,
48.6188

303.4400,
333.0953, 397.8189

■ 21.6158, 25.1690,
33.9537

■ 62.3766, 70.4963,
89.5001

■ 13.6899, 16.2030,
22.5810

■ 82.8424, 93.0299,
116.5535

■ 7.9856, 9.6679,
14.0820

■ 107.3565,
119.9163, 148.5733

■ 4.1374, 5.1793,
8.0383

136.2844,
151.5400, 185.9782

■ 1.7802, 2.3529,
4.0314

169.9913,
188.2853, 229.1867

■ 0.5057, 0.8015,
1.6426

208.8426,

■ 0.0000, 0.0000,

230.5367, 278.6172

0.3209

253.2037,
278.6786, 334.6885

■ 0.0000, 0.0000,
0.0000

■ 32.1287, 36.9503,
48.6188

■ 32.1287, 36.9503,
48.6188

■ 28.8605, 34.2378,
48.2681

■ 35.9048, 39.9562,
49.0006

■ 26.0719, 31.8011,
47.9448

■ 40.2088, 43.2634,
49.4121

■ 23.7365, 29.6274,
47.6483

■ 45.0637, 46.8848,
49.8552

■ 21.8243, 27.7008,
47.3772

■ 50.4901, 50.8313,
50.3310

■ 20.3013, 26.0036,
47.1299

■ 56.5073, 55.1131,
50.8403

■ 19.1279, 24.5152,
46.9044

■ 63.1340, 59.7400,
51.3841

■ 18.2502, 23.2074,
46.6983

■ 69.2744, 64.1474,
51.9112

■ 17.9871, 22.7929,
46.6321

■ 70.1321, 65.8629,
52.1971

■ 71.0111, 67.6209,
52.4901

Harmonies

Analogous

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



31.2325, 36.9503, 42.6786



32.1287, 36.9503, 48.6188



33.8408, 36.9503, 52.5289

Triad

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



32.1287, 36.9503, 48.6188



39.1856, 36.9503, 44.0571



34.2895, 36.9503, 29.7345

Complementary

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



32.1287, 36.9503, 48.6188



32.6607, 30.7155, 26.0380

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.



36.4313, 36.9503, 30.0226



32.1287, 36.9503, 48.6188



39.3178, 36.9503, 37.8819

Square

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



32.1287, 36.9503, 48.6188



37.9378, 36.9503, 49.7160



38.2918, 36.9503, 32.8708



32.4456, 36.9503, 32.0391

Rectangle

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



32.1287, 36.9503, 48.6188



35.2433, 36.9503, 53.2392



38.2918, 36.9503, 32.8708



34.9973, 36.9503, 29.5382

Sweetspot

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



32.1298, 36.9518, 48.6196



71.6964, 77.5273, 89.4801



30.6903, 39.4898, 31.4396



15.2358, 16.5581, 19.3153



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.



32.1298, 36.9518, 48.6196



54.6625, 64.0438, 87.7753



28.0954, 28.8830, 47.2748



8.5894, 9.3250, 10.8535



12.6031, 16.0066, 32.5623



0.4344, 0.5794, 1.0372

Inverse Universe

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



34.3303, 29.1090, 41.8411



59.3995, 47.6849, 73.0657



36.5516, 38.4973, 27.3349



8.7727, 8.6158, 10.3014



16.5961, 8.1560, 18.8309



0.5413, 0.2643, 0.6931

Previews

White Background



This preview shows how the XYZ color 32.1287, 36.9503, 48.6188 looks on a white background.

Color Contrast Check

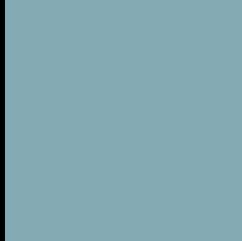
Large Text (above 18pt) WCAG AA × Fail

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 32.1287, 36.9503, 48.6188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

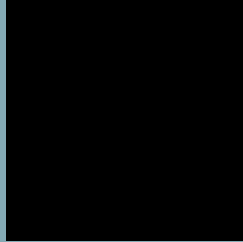
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.1287, 36.9503, 48.6188

Background



This preview shows how black text looks on a background with the XYZ color 32.1287, 36.9503, 48.6188.



This preview shows how white text looks on a background with the XYZ color 32.1287, 36.9503,

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

32.1287, 36.9503, 48.6188

Protanopia

35.7625, 36.7223, 45.7607

Deuteranopia

37.4192, 36.7197, 49.3714



Tritanopia

32.5948, 37.1549, 50.2534

Trichromacy



Original Color

32.1287, 36.9503, 48.6188

Protanomaly

34.3398, 36.7600, 46.8805

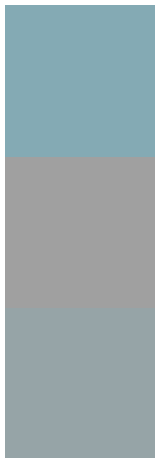
Deuteranomaly

35.1480, 36.5985, 48.9278

Tritanomaly

32.4911, 37.1134, 49.7071

Monochromacy



Original Color

32.1287, 36.9503, 48.6188

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.8282, 35.8250, 41.7439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1287, 36.9503, 48.6188 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(132, 170, 180)` looks like.

```
.text, #text, p{  
    color:rgb(132, 170, 180)  
}
```

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(132, 170, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 170, 180) }
```

Border

The CSS property to change the border of an element to XYZ 32.1287, 36.9503, 48.6188 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(132, 170, 180) }
```


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

```
.border{ border-color:rgb(132, 170, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 170, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 170, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 170, 180);  
box-shadow:4px 4px 4px 4px rgb(132, 170,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1287, 36.9503, 48.6188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 170, 180) }
```

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

```
.background{ background-color: rgb(132,  
170, 180) }
```

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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