

Converting Colors

XYZ(25.3026, 33.0063, 47.6864)

Have a look what the booklet for
XYZ(25.3026, 33.0063, 47.6864)
contains.

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Color

**XYZ(25.1999, 32.8377,
47.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	4DA8B3
RGB	77, 168, 179
RGB Percent	30%, 66%, 70%
CMY	0.6980, 0.3412, 0.2980
CMYK	0.57, 0.06, 0.00, 0.30
HSL	186°, 40%, 50%
HSV	186°, 57%, 70%
XYZ	25.1999, 32.8377, 47.6580
YIQ	142.0450, -57.7670, -15.8710

Conversions

Conversions Part 2

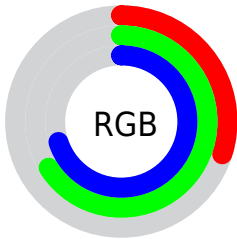
Format	Color
RYB	77, 125, 179
Decimal	5089459
CIELab	64.03, -23.74, -13.87
CIElCh	64, 27.498, 210.294
Yxy	32.8377, 0.2384, 0.3107
Android (android.graphics.Color)	4283279539 (0xFF4DA8B3)
YUV	142.0450, 18.2188, -57.0445
Hunter-Lab	57.3042, -21.7858, -9.1966

Details

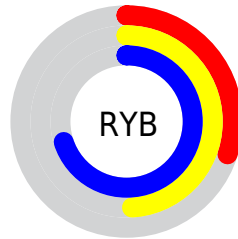
The XYZ color **25.1999, 32.8377, 47.6580** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.4205, 17.0998, 9.0884**, and the grayscale version is **25.6765, 27.0137, 29.4179**.

A 20% lighter version of the original color is **51.3747, 63.9244, 88.2282**, and **10.0113, 13.9971, 21.9127** is the 20% darker color. If you saturate the color by 10%, you get **23.5961, 31.4865, 47.4823**, and if you desaturate by 10%, it is **27.2084, 34.4068, 47.8556**.

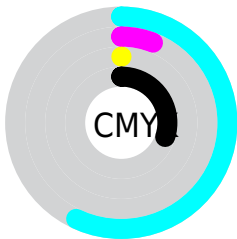
Distribution



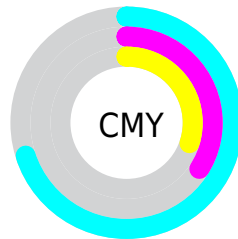
- Red (30%)
- Green (66%)
- Blue (70%)



- Red (30%)
- Yellow (49%)
- Blue (70%)



- Cyan (57%)
- Magenta (6%)
- Yellow (0%)
- Black (30%)



- Cyan (70%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1999, 32.8377, 47.6580 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 25.1999, 32.8377, 47.6580 by changing the saturation by 10% instead.

■ 25.1999, 32.8377,
47.6580

■ 25.1999, 32.8377,
47.6580

271.1613,
314.9178, 393.9045

■ 16.3556, 22.0021,
33.1981

■ 51.4219, 64.1221,
88.0552

■ 9.8686, 13.8585,
22.0059

■ 69.5303, 85.3396,
114.8296

■ 5.3735, 8.0223,
13.6628

■ 91.4574, 110.7867,
146.5459

■ 2.5050, 4.1092,
7.7505

■ 117.5686,
140.8476, 183.6225

■ 0.8978, 1.7348,
3.8502

148.2292,
175.9068, 226.4782

■ 0.0000, 0.4461,
1.5435

183.8046,

■ 0.0000, 0.0000,

216.3486, 275.5314

0.2501

224.6602,
262.5575, 331.2006

■ 0.0000, 0.0000,
0.0000

■ 25.1999, 32.8377,
47.6580

■ 25.1999, 32.8377,
47.6580

■ 23.5961, 31.4865,
47.4823

■ 27.2084, 34.4068,
47.8556

■ 22.3604, 30.3322,
47.3246

■ 29.6483, 36.2055,
48.0742

■ 21.4549, 29.3559,
47.1839

■ 32.5475, 38.2488,
48.3158

■ 20.8241, 28.5290,
47.0576

■ 35.9306, 40.5496,
48.5816

■ 20.6555, 28.2920,
47.0207

■ 39.8206, 43.1197,
48.8726

■ 44.2388, 45.9701,
49.1899

■ 49.2055, 49.1113,
49.5345

■ 54.7398, 52.5532,
49.9071

■ 60.8599, 56.3052,
50.3088

Harmonies

Analogous

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



24.3265, 32.8377, 35.8645



25.1999, 32.8377, 47.6580



27.6567, 32.8377, 57.7210

Triad

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



25.1999, 32.8377, 47.6580



38.1536, 32.8377, 47.4282



31.1730, 32.8377, 18.3556

Complementary

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



25.1999, 32.8377, 47.6580



23.4205, 17.0998, 9.0884

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.



35.0581, 32.8377, 20.2161



25.1999, 32.8377, 47.6580



39.2859, 32.8377, 35.6451

Square

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



25.1999, 32.8377, 47.6580



35.1298, 32.8377, 57.5702



38.1098, 32.8377, 26.0193



27.5955, 32.8377, 20.2912

Rectangle

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



25.1999, 32.8377, 47.6580



29.9697, 32.8377, 61.2349



38.1098, 32.8377, 26.0193



32.4866, 32.8377, 18.5523

Sweetspot

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



25.2009, 32.8389, 47.6588



64.1508, 72.4889, 86.9918



20.9100, 34.5102, 14.6198



13.9328, 15.8718, 19.2515



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.



25.2009, 32.8389, 47.6588



41.7256, 55.9135, 84.9744



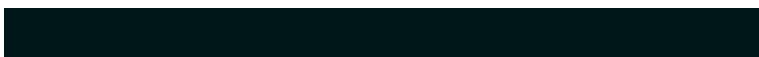
17.6531, 17.7434, 45.1429



8.6628, 9.4719, 10.8780



14.6247, 20.0498, 33.2362



0.4824, 0.6753, 1.0532

Inverse Universe

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



28.3131, 17.7196, 38.9750



48.0310, 27.0041, 66.9940



29.0480, 28.3550, 10.9642



8.8098, 8.6306, 10.4967



17.6165, 8.5642, 24.2044



0.5655, 0.2740, 0.8206

Previews

White Background



This preview shows how the XYZ color 25.1999, 32.8377, 47.6580 looks on a white background.

Color Contrast Check

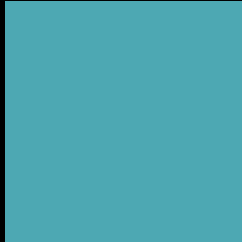
Large Text (above 18pt) WCAG AA × Fail

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 25.1999, 32.8377, 47.6580 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

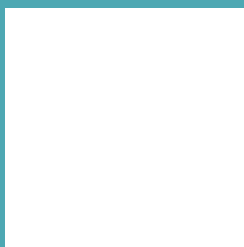
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1999, 32.8377, 47.6580

Background



This preview shows how black text looks on a background with the XYZ color 25.1999, 32.8377, 47.6580.

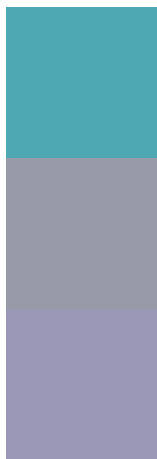


This preview shows how white text looks on a background with the XYZ color 25.1999, 32.8377,

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

25.1999, 32.8377, 47.6580

Protanopia

31.5016, 32.3224, 42.1147

Deuteranopia

33.1314, 32.5207, 49.3306



Tritanopia

25.4850, 32.9612, 48.7350

Trichromacy



Original Color

25.1999, 32.8377, 47.6580



Protanomaly

28.2271, 31.8308, 44.1914



Deuteranomaly

29.2529, 32.0034, 48.8914



Tritanomaly

25.3827, 32.9203, 48.1964

Monochromacy



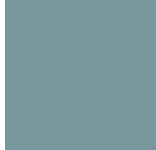
Original Color

25.1999, 32.8377, 47.6580



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

24.4542, 28.3513, 35.1938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1999, 32.8377, 47.6580 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(77, 168, 179)` looks like.

```
.text, #text, p{  
    color:rgb(77, 168, 179)  
}
```

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(77, 168, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 168, 179) }
```

Border

The CSS property to change the border of an element to XYZ 25.1999, 32.8377, 47.6580 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(77, 168, 179) }
```


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

```
.border{ border-color:rgb(77, 168, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 168, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 168, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 168, 179);  
box-shadow:4px 4px 4px 4px rgb(77, 168,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1999, 32.8377, 47.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 168, 179) }
```

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

```
.background{ background-color: rgb(77, 168,  
179) }
```

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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