

Converting Colors

XYZ(25.0437, 34.1725, 51.8140)

Have a look what the booklet for
XYZ(25.0437, 34.1725, 51.8140)
contains.

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Color

**XYZ(24.9788, 34.0366,
51.7076)**

Conversions

Conversions Part 1

Format	Color
Hex	2FADBA
RGB	47, 173, 186
RGB Percent	18%, 68%, 73%
CMY	0.8156, 0.3216, 0.2706
CMYK	0.75, 0.07, 0.00, 0.27
HSL	186°, 60%, 46%
HSV	186°, 75%, 73%
XYZ	24.9788, 34.0366, 51.7076
YIQ	136.8080, -79.2690, -22.6690

Conversions

Conversions Part 2

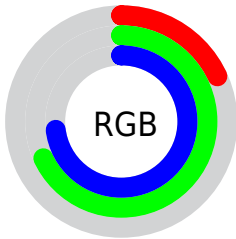
Format	Color
R _Y B	47, 113, 186
Decimal	3124666
CIE Lab	64.99, -28.83, -16.40
CIE LCh	65, 33.169, 209.625
Yxy	34.0366, 0.2256, 0.3074
Android (android.graphics.Color)	4281314746 (0xFF2FADBA)
YUV	136.8080, 24.2517, -78.7616
Hunter-Lab	58.3409, -25.6713, -11.7102

Details

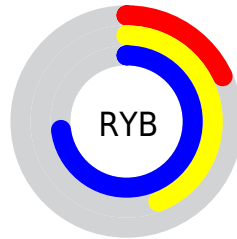
The XYZ color **24.9788, 34.0366, 51.7076** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **22.3797, 13.8773, 4.1895**, and the grayscale version is **23.6398, 24.8709, 27.0844**.

A 20% lighter version of the original color is **51.1166, 66.0943, 94.0677**, and **10.9501, 15.1264, 24.5329** is the 20% darker color. If you saturate the color by 10%, you get **23.9659, 33.0231, 51.5660**, and if you desaturate by 10%, it is **26.3635, 35.2496, 51.8694**.

Distribution



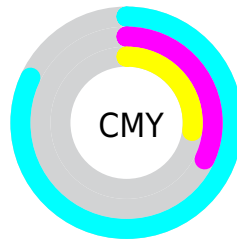
- Red (18%)
- Green (68%)
- Blue (73%)



- Red (18%)
- Yellow (44%)
- Blue (73%)



- Cyan (75%)
- Magenta (7%)
- Yellow (0%)
- Black (27%)



- Cyan (82%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9788, 34.0366, 51.7076 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 24.9788, 34.0366, 51.7076 by changing the saturation by 10% instead.

■ 24.9788, 34.0366,
51.7076

■ 24.9788, 34.0366,
51.7076

270.0819,
320.2952, 410.2315

■ 16.1899, 22.9217,
36.3914

■ 51.0660, 65.9906,
94.1221

■ 9.7503, 14.5357,
24.4446

■ 69.0950, 87.5985,
122.0574

■ 5.2947, 8.4942,
15.4485

■ 90.9347, 113.4728,
155.0363

■ 2.4577, 4.4128,
8.9846

■ 116.9505,
143.9980, 193.4771

■ 0.8740, 1.9070,
4.6345

■ 147.5078,
179.5585, 237.7985

■ 0.0000, 0.5526,
1.9795

182.9719,

■ 0.0000, 0.0000,

220.5385, 288.4190

0.5426

223.7082,
267.3227, 345.7572

■ 0.0000, 0.0000,
0.0000

■ 24.9788, 34.0366,
51.7076

■ 24.9788, 34.0366,
51.7076

■ 23.9659, 33.0231,
51.5660

■ 26.3635, 35.2496,
51.8694

■ 23.2714, 32.1795,
51.4398

■ 28.1580, 36.6796,
52.0508

■ 22.9778, 31.7747,
51.3771

■ 30.3994, 38.3464,
52.2544

■ 33.1193, 40.2665,
52.4817

■ 36.3468, 42.4549,
52.7340

■ 40.1085, 44.9251,
53.0125

■ 44.4293, 47.6902,
53.3185

■ 49.3322, 50.7619,
53.6530

■ 54.8392, 54.1518,
54.0170

Harmonies

Analogous

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



23.9781, 34.0366, 36.8877



24.9788, 34.0366, 51.7076



27.9085, 34.0366, 64.8321

Triad

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



24.9788, 34.0366, 51.7076



40.9762, 34.0366, 52.0818



32.4111, 34.0366, 16.4278

Complementary

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



24.9788, 34.0366, 51.7076



22.3797, 13.8773, 4.1895

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.



37.2411, 34.0366, 18.6262



24.9788, 34.0366, 51.7076



42.4756, 34.0366, 37.2330

Square

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



24.9788, 34.0366, 51.7076



37.1265, 34.0366, 65.0830



41.0468, 34.0366, 25.4783



28.0032, 34.0366, 18.5173

Rectangle

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



24.9788, 34.0366, 51.7076



30.7184, 34.0366, 69.5795



41.0468, 34.0366, 25.4783



34.0399, 34.0366, 16.6797

Sweetspot

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



24.9799, 34.0379, 51.7084



67.4009, 77.9612, 95.6970



19.5109, 36.0345, 10.0096



14.4578, 16.9125, 21.0450



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



24.9799, 34.0379, 51.7084



42.5306, 58.7908, 93.3076



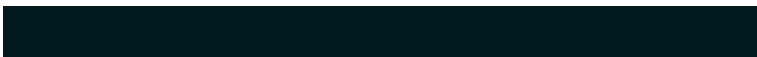
15.0796, 14.2374, 48.4083



9.1930, 10.0631, 11.5373



15.4879, 21.4355, 34.5742



0.5670, 0.7977, 1.2258

Inverse Universe

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



28.8100, 15.4904, 41.0078



50.2011, 24.8505, 71.1593



28.4940, 26.1060, 6.2277



9.3437, 9.1479, 11.1575



18.4313, 8.9463, 25.9556



0.6604, 0.3196, 0.9709

Previews

White Background



This preview shows how the XYZ color 24.9788, 34.0366, 51.7076 looks on a white background.

Color Contrast Check

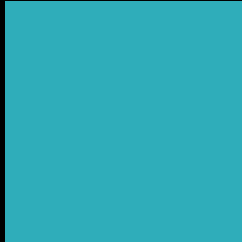
Large Text (above 18pt) WCAG AA × Fail

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 24.9788, 34.0366, 51.7076 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

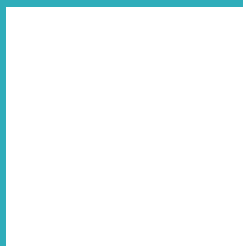
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9788, 34.0366, 51.7076

Background



This preview shows how black text looks on a background with the XYZ color 24.9788, 34.0366, 51.7076.



This preview shows how white text looks on a background with the XYZ color 24.9788, 34.0366,

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

24.9788, 34.0366, 51.7076

Protanopia

32.7856, 33.4079, 45.2778

Deuteranopia

34.2031, 33.4687, 53.3726



Tritanopia

25.1321, 34.1034, 52.2717

Trichromacy



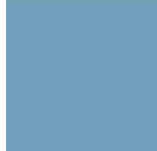
Original Color

24.9788, 34.0366, 51.7076



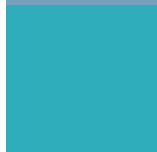
Protanomaly

28.1272, 32.7402, 47.4848



Deuteranomaly

28.9586, 32.5287, 52.8965



Tritanomaly

25.1321, 34.1034, 52.2717

Monochromacy



Original Color

24.9788, 34.0366, 51.7076



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

22.5317, 27.1223, 35.0579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9788, 34.0366, 51.7076 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(47, 173, 186)` looks like.

```
.text, #text, p{  
    color:rgb(47, 173, 186)  
}
```

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(47, 173, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 173, 186) }
```

Border

The CSS property to change the border of an element to XYZ 24.9788, 34.0366, 51.7076 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(47, 173, 186) }
```


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

```
.border{ border-color:rgb(47, 173, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 173, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 173, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 173, 186);  
box-shadow:4px 4px 4px 4px rgb(47, 173,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9788, 34.0366, 51.7076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 173, 186) }
```

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

```
.background{ background-color: rgb(47, 173,  
186) }
```

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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