

Converting Colors

XYZ(26.1869, 34.6709, 50.6833)

Have a look what the booklet for
XYZ(26.1869, 34.6709, 50.6833)
contains.

| | |
|--|----|
| XYZ(26.1938, 34.6874, 50.6622) | 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(26.1938, 34.6874,
50.6622)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 47ADB8 |
| RGB | 71, 173, 184 |
| RGB Percent | 28%, 68%, 72% |
| CMY | 0.7215, 0.3216, 0.2784 |
| CMYK | 0.61, 0.06, 0.00, 0.28 |
| HSL | 186°, 44%, 50% |
| HSV | 186°, 61%, 72% |
| XYZ | 26.1938, 34.6874, 50.6622 |
| YIQ | 143.7560, -64.3230, -18.2030 |

Conversions

Conversions Part 2

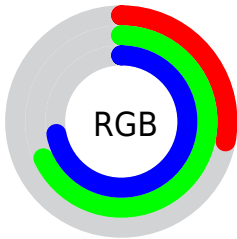
| Format | Color |
|-------------------------------------|---|
| RYB | 71, 125, 184 |
| Decimal | 4697528 |
| CIELab | 65.50, -25.93, -14.45 |
| CIElCh | 66, 29.689, 209.132 |
| Yxy | 34.6874, 0.2348, 0.3110 |
| Android (android.graphics.Color) | 4282887608 (0xFF47ADB8) |
| YUV | 143.7560, 19.8403, -63.8070 |
| Hunter-Lab | 58.8960, -23.6808, -9.7739 |

Details

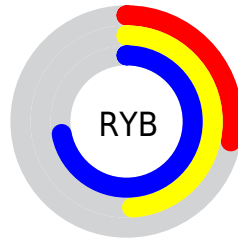
The XYZ color **26.1938, 34.6874, 50.6622** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.9226, 16.6807, 7.9210**, and the grayscale version is **26.3535, 27.7259, 30.1935**.

A 20% lighter version of the original color is **53.1076, 67.1552, 92.6013**, and **10.8132, 15.0716, 23.8119** is the 20% darker color. If you saturate the color by 10%, you get **24.7023, 33.4128, 50.4954**, and if you desaturate by 10%, it is **28.1006, 36.1844, 50.8513**.

Distribution



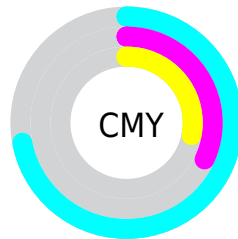
- Red (28%)
- Green (68%)
- Blue (72%)



- Red (28%)
- Yellow (49%)
- Blue (72%)



- Cyan (61%)
- Magenta (6%)
- Yellow (0%)
- Black (28%)



- Cyan (72%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1938, 34.6874, 50.6622 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 26.1938, 34.6874, 50.6622 by changing the saturation by 10% instead.

■ 26.1938, 34.6874,
50.6622

■ 26.1938, 34.6874,
50.6622

275.9714,
323.1864, 406.0589

■ 17.1021, 23.4222,
35.5650

■ 53.0165, 67.0012,
92.5616

■ 10.4031, 14.9055,
23.8114

■ 71.4782, 88.8186,
120.2009

■ 5.7313, 8.7531,
14.9829

■ 93.7940, 114.9222,
152.8580

■ 2.7215, 4.5805,
8.6609

■ 120.3293,
145.6963, 190.9514

■ 1.0083, 2.0033,
4.4269

■ 151.4492,
181.5254, 234.8997

■ 0.0000, 0.6094,
1.8623

187.5194,

■ 0.0000, 0.0000,

222.7938, 285.1213

0.4686

228.9050,
269.8860, 342.0349

■ 0.0000, 0.0000,
0.0000

■ 26.1938, 34.6874,
50.6622

■ 26.1938, 34.6874,
50.6622

■ 24.7023, 33.4128,
50.4954

■ 28.1006, 36.1844,
50.8513

■ 23.5847, 32.3370,
50.3467

■ 30.4528, 37.9172,
51.0618

■ 22.7966, 31.4379,
50.2147

■ 33.2817, 39.9025,
51.2959

■ 22.3047, 30.7664,
50.1110

■ 36.6145, 42.1546,
51.5549

■ 40.4766, 44.6865,
51.8401

■ 44.8916, 47.5103,
52.1524

■ 49.8816, 50.6376,
52.4930

■ 55.4676, 54.0791,
52.8629

■ 61.6694, 57.8451,
53.2630

Harmonies

Analogous

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



25.2980, 34.6874, 37.4072



26.1938, 34.6874, 50.6622



28.8641, 34.6874, 62.2677

Triad

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



26.1938, 34.6874, 50.6622



40.6770, 34.6874, 51.4299



33.0961, 34.6874, 18.5333

Complementary

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



26.1938, 34.6874, 50.6622



23.9226, 16.6807, 7.9210

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.



37.4464, 34.6874, 20.7221



26.1938, 34.6874, 50.6622



42.0531, 34.6874, 38.1325

Square

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



26.1938, 34.6874, 50.6622



37.2082, 34.6874, 62.7752



40.8228, 34.6874, 27.2724



29.0653, 34.6874, 20.4800

Rectangle

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



26.1938, 34.6874, 50.6622



31.4183, 34.6874, 66.4928



40.8228, 34.6874, 27.2724



34.5706, 34.6874, 18.8000

Sweetspot

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



26.1949, 34.6887, 50.6630



68.4448, 77.7872, 93.6116



21.2033, 36.2067, 13.5425



14.3387, 16.4936, 20.1495



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.



26.1949, 34.6887, 50.6630



43.9274, 59.7818, 91.4284



17.7395, 17.7779, 47.8446



9.1900, 10.0572, 11.5363



15.4007, 21.2611, 34.5452



0.5647, 0.7931, 1.2251

Inverse Universe

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



29.5641, 17.7149, 41.3976



50.8168, 27.2504, 71.9947



29.8392, 28.5140, 9.8932



9.3422, 9.1473, 11.1496



18.3873, 8.9287, 25.7238



0.6592, 0.3192, 0.9648

Previews

White Background



This preview shows how the XYZ color 26.1938, 34.6874, 50.6622 looks on a white background.

Color Contrast Check

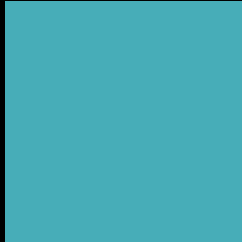
Large Text (above 18pt) WCAG AA × Fail

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 26.1938, 34.6874, 50.6622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

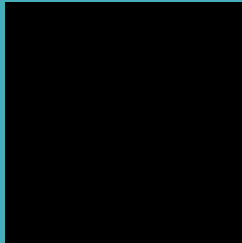
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.1938, 34.6874, 50.6622

Background



This preview shows how black text looks on a background with the XYZ color 26.1938, 34.6874, 50.6622.



This preview shows how white text looks on a background with the XYZ color 26.1938, 34.6874,

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

26.1938, 34.6874, 50.6622

Protanopia

33.4073, 34.2379, 44.8922

Deuteranopia

34.9308, 34.1130, 52.3204



Tritanopia

26.5857, 34.8527, 52.3397

Trichromacy



Original Color

26.1938, 34.6874, 50.6622

Protanomaly

29.5905, 33.7687, 47.0779

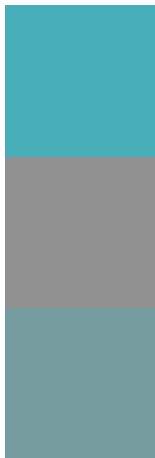
Deuteranomaly

30.4669, 33.5896, 51.8914

Tritanomaly

26.4790, 34.8100, 51.7778

Monochromacy



Original Color

26.1938, 34.6874, 50.6622

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.3155, 29.7278, 37.2047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1938, 34.6874, 50.6622 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(71, 173, 184)` looks like.

```
.text, #text, p{  
    color:rgb(71, 173, 184)  
}
```

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(71, 173, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 173, 184) }
```

Border

The CSS property to change the border of an element to XYZ 26.1938, 34.6874, 50.6622 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(71, 173, 184) }
```


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

```
.border{ border-color:rgb(71, 173, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 173, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 173, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 173, 184);  
box-shadow:4px 4px 4px 4px rgb(71, 173,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1938, 34.6874, 50.6622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 173, 184) }
```

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

```
.background{ background-color: rgb(71, 173,  
184) }
```

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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