

Converting Colors

XYZ(26.5426, 36.0442, 47.0735)

Have a look what the booklet for
XYZ(26.5426, 36.0442, 47.0735)
contains.

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Color

**XYZ(26.6384, 36.1551,
47.1696)**

Conversions

Conversions Part 1

Format	Color
Hex	4CB1B1
RGB	76, 177, 177
RGB Percent	30%, 69%, 69%
CMY	0.7019, 0.3059, 0.3059
CMYK	0.57, 0.00, 0.00, 0.31
HSL	180°, 40%, 50%
HSV	180°, 57%, 69%
XYZ	26.6384, 36.1551, 47.1696
YIQ	146.8010, -60.1960, -21.4120

Conversions

Conversions Part 2

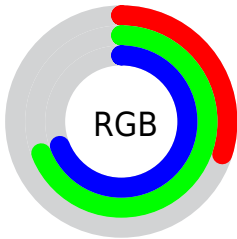
Format	Color
RYB	76, 127, 177
Decimal	5026225
CIELab	66.64, -28.99, -8.85
CIELCh	67, 30.311, 196.981
Yxy	36.1551, 0.2422, 0.3288
Android (android.graphics.Color)	4283216305 (0xFF4CB1B1)
YUV	146.8010, 14.8881, -62.0925
Hunter-Lab	60.1291, -26.1469, -4.4210

Details

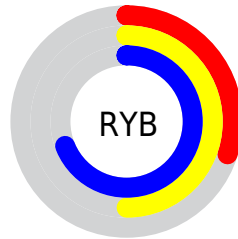
The XYZ color **26.6384, 36.1551, 47.1696** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **22.0216, 15.0388, 8.5807**, and the grayscale version is **27.6103, 29.0481, 31.6334**.

A 20% lighter version of the original color is **53.8386, 69.3119, 87.6317**, and **10.9093, 15.8960, 21.8953** is the 20% darker color. If you saturate the color by 10%, you get **25.4213, 35.5285, 47.1133**, and if you desaturate by 10%, it is **28.2445, 36.9839, 47.2457**.

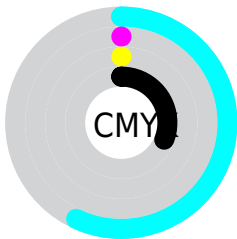
Distribution



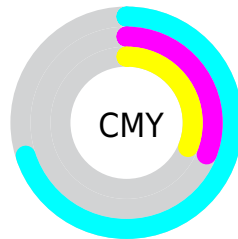
- Red (30%)
- Green (69%)
- Blue (69%)



- Red (30%)
- Yellow (50%)
- Blue (69%)



- Cyan (57%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



- Cyan (70%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6384, 36.1551, 47.1696 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 26.6384, 36.1551, 47.1696 by changing the saturation by 10% instead.

■ 26.6384, 36.1551,
47.1696

■ 26.6384, 36.1551,
47.1696

278.1016,
329.6379, 391.9044

■ 17.4370, 24.5540,
32.8144

■ 53.7271, 69.2714,
87.3194

■ 10.6438, 15.7451,
21.7144

■ 72.3451, 91.5554,
113.9510

■ 5.8934, 9.3440,
13.4509

■ 94.8326, 118.1691,
145.5120

■ 2.8204, 4.9662,
7.6054

■ 121.5551,
149.4970, 182.4207

■ 1.0595, 2.2274,
3.7594

■ 152.8779,
185.9234, 225.0958

■ 0.0000, 0.7349,
1.4943

189.1664,

■ 0.0000, 0.0000,

227.8328, 273.9557

0.2137

230.7858,
275.6095, 329.4191

■ 0.0000, 0.0000,
0.0000

■ 26.6384, 36.1551,
47.1696

■ 26.6384, 36.1551,
47.1696

■ 25.4213, 35.5285,
47.1133

■ 28.2445, 36.9839,
47.2457

■ 24.5573, 35.0831,
47.0727

■ 30.2653, 38.0257,
47.3405

■ 24.0097, 34.8008,
47.0469

■ 32.7280, 39.2952,
47.4559

■ 23.7237, 34.6533,
47.0334

■ 35.6565, 40.8049,
47.5931

■ 23.6585, 34.6198,
47.0303

■ 39.0732, 42.5663,
47.7531

■ 42.9989, 44.5901,
47.9370

■ 47.4533, 46.8864,
48.1456

■ 52.4548, 49.4648,
48.3798

■ 58.0213, 52.3344,
48.6405

Harmonies

Analogous

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



26.5062, 36.1551, 33.9736



26.6384, 36.1551, 47.1696



28.7199, 36.1551, 60.7410

Triad

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



26.6384, 36.1551, 47.1696



41.1856, 36.1551, 59.1160



36.3788, 36.1551, 19.6113

Complementary

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



26.6384, 36.1551, 47.1696



22.0216, 15.0388, 8.5807

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.



40.7037, 36.1551, 23.7067



26.6384, 36.1551, 47.1696



43.6398, 36.1551, 45.3024

Square

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



26.6384, 36.1551, 47.1696



36.9906, 36.1551, 68.6164



43.4560, 36.1551, 32.4757



31.8654, 36.1551, 19.8951

Rectangle

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



26.6384, 36.1551, 47.1696



31.0467, 36.1551, 67.3137



43.4560, 36.1551, 32.4757



37.9103, 36.1551, 20.4751

Sweetspot

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



26.6395, 36.1565, 47.1705



63.7271, 73.0105, 85.2285



20.1437, 33.5738, 12.2570



13.5761, 15.7016, 18.4594



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.



26.6395, 36.1565, 47.1705



45.1514, 63.4344, 84.3577



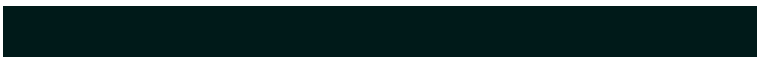
18.6605, 20.1983, 44.5116



8.7427, 9.6316, 10.9046



17.1408, 25.0823, 34.0738



0.5393, 0.7892, 1.0721

Inverse Universe

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



22.0216, 15.0388, 8.5807



36.1018, 22.0504, 8.7339



26.7477, 24.4911, 10.1558



8.4964, 8.5053, 8.8464



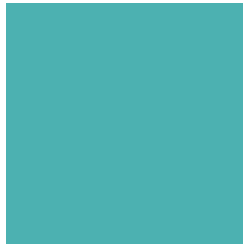
13.1369, 6.7723, 0.6149



0.4133, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 26.6384, 36.1551, 47.1696 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 26.6384, 36.1551, 47.1696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

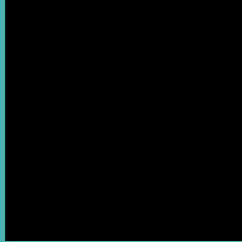
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.6384, 36.1551, 47.1696

Background



This preview shows how black text looks on a background with the XYZ color 26.6384, 36.1551, 47.1696.

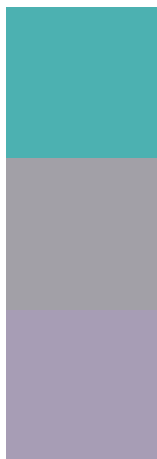


This preview shows how white text looks on a background with the XYZ color 26.6384, 36.1551,

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

26.6384, 36.1551, 47.1696

Protanopia

34.4461, 35.6130, 41.6177

Deuteranopia

36.3338, 35.6656, 48.6852



Tritanopia

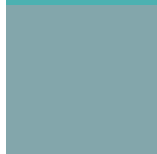
27.9086, 36.0834, 53.6380

Trichromacy



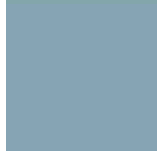
Original Color

26.6384, 36.1551, 47.1696



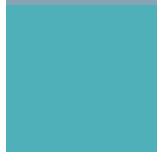
Protanomaly

30.3470, 35.0380, 43.6916



Deuteranomaly

31.3452, 34.9145, 48.2671



Tritanomaly

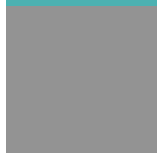
27.5067, 36.2157, 51.4395

Monochromacy



Original Color

26.6384, 36.1551, 47.1696



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

26.2836, 30.9873, 36.9436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6384, 36.1551, 47.1696 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(76, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(76, 177, 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(76, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 177, 177) }
```

Border

The CSS property to change the border of an element to XYZ 26.6384, 36.1551, 47.1696 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(76, 177, 177) }
```


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

```
.border{ border-color:rgb(76, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(76, 177,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6384, 36.1551, 47.1696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 177, 177) }
```

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

```
.background{ background-color: rgb(76, 177,  
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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