

Converting Colors

XYZ(14.1047, 23.8685, 18.0838)

Have a look what the booklet for
XYZ(14.1047, 23.8685, 18.0838)
contains.

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Color

**XYZ(14.0980, 23.8652,
18.0508)**

Conversions

Conversions Part 1

Format	Color
Hex	00996C
RGB	0, 153, 108
RGB Percent	0%, 60%, 42%
CMY	1.0000, 0.4000, 0.5765
CMYK	1.00, 0.00, 0.29, 0.40
HSL	162°, 100%, 30%
HSV	162°, 100%, 60%
XYZ	14.0980, 23.8652, 18.0508
YIQ	102.1230, -76.7430, -46.4310

Conversions

Conversions Part 2

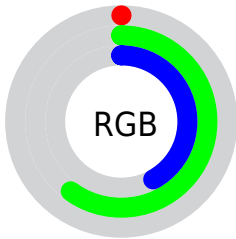
Format	Color
RYB	0, 90, 153
Decimal	39276
CIELab	55.95, -45.47, 14.19
CIELCh	56, 47.629, 162.671
Yxy	23.8652, 0.2517, 0.4261
Android (android.graphics.Color)	4278229356 (0xFF00996C)
YUV	102.1230, 2.8974, -89.5619
Hunter-Lab	48.8520, -33.9785, 12.2888

Details

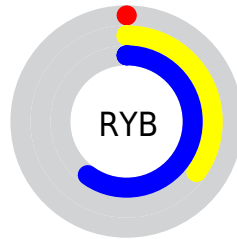
The XYZ color **14.0980, 23.8652, 18.0508** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **13.6113, 6.9623, 3.1101**, and the grayscale version is **12.6695, 13.3293, 14.5156**.

A 20% lighter version of the original color is **32.8315, 49.6761, 41.1157**, and **5.4693, 9.6336, 5.8462** is the 20% darker color. If you saturate the color by 10%, you get **14.0984, 23.8660, 18.0506**, and if you desaturate by 10%, it is **14.5464, 24.0686, 19.3552**.

Distribution



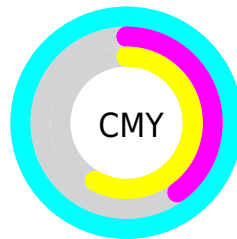
- Red (0%)
- Green (60%)
- Blue (42%)



- Red (0%)
- Yellow (35%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0980, 23.8652, 18.0508 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 14.0980, 23.8652, 18.0508 by changing the saturation by 10% instead.

■ 14.0980, 23.8652,
18.0508

■ 14.0980, 23.8652,
18.0508

211.3381,
272.1383, 253.4029

■ 8.2710, 15.2337,
10.8166

■ 32.8476, 49.8101,
40.9390

■ 4.3221, 8.9835,
5.8311

■ 46.5010, 67.8923,
57.4301

■ 1.8859, 4.7304,
2.6755

■ 63.4938, 89.8935,
77.8439

■ 0.5686, 2.0900,
0.9311

■ 84.1915, 116.1981,
102.5990

■ 0.0000, 0.6590,
0.0000

■ 108.9595,
147.1905, 132.1139

■ 0.0000, 0.0000,
0.0000

■ 138.1630,

183.2550, 166.8072

172.1674,
224.7762, 207.0974

■ 14.0980, 23.8652,
18.0508

■ 14.0980, 23.8652,
18.0508

■ 14.0984, 23.8660,
18.0506

■ 14.5464, 24.0686,
19.3552

■ 15.1561, 24.3530,
20.7321

■ 15.9964, 24.7549,
22.1863

■ 17.0952, 25.2885,
23.7199

■ 18.4760, 25.9661,
25.3349

■ 20.1598, 26.7983,
27.0331

■ 22.1655, 27.7949,
28.8164

■ 24.5104, 28.9647,
30.6863

■ 27.2105, 30.3161,
32.6444

Harmonies

Analogous

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



16.3116, 23.8652, 9.6066



14.0980, 23.8652, 18.0508



13.9385, 23.8652, 33.1185

Triad

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



14.0980, 23.8652, 18.0508



25.0535, 23.8652, 67.4899



31.2674, 23.8652, 10.5203

Complementary

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



14.0980, 23.8652, 18.0508



13.6113, 6.9623, 3.1101

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.



34.4833, 23.8652, 19.9575



14.0980, 23.8652, 18.0508



30.5293, 23.8652, 54.7881

Square

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



14.0980, 23.8652, 18.0508



19.7105, 23.8652, 66.3071



34.1934, 23.8652, 35.9585



25.9406, 23.8652, 6.6062

Rectangle

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



14.0980, 23.8652, 18.0508



14.9742, 23.8652, 45.7212



34.1934, 23.8652, 35.9585



32.6666, 23.8652, 12.9459

Sweetspot

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



14.0986, 23.8661, 18.0514



39.4627, 49.6602, 51.4095



12.5142, 23.3620, 3.8500



8.3959, 10.8073, 11.0770



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.0986, 23.8661, 18.0514



25.1633, 42.7060, 31.8813



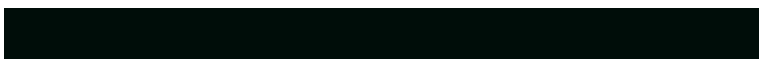
12.7593, 16.3185, 32.6154



6.3071, 6.9956, 7.5406



11.6667, 19.7301, 14.9971



0.1901, 0.3012, 0.3066

Inverse Universe

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



13.6113, 6.9623, 3.1101



24.3033, 12.4391, 5.1906



13.6172, 7.7322, 0.7750



6.2798, 6.2511, 6.8537



11.2621, 5.7591, 2.6390



0.1829, 0.0919, 0.1158

Previews

White Background



This preview shows how the XYZ color 14.0980, 23.8652, 18.0508 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0980, 23.8652, 18.0508 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 × Fail

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

XYZ 14.0980, 23.8652, 18.0508

Background



This preview shows how black text looks on a background with the XYZ color 14.0980, 23.8652, 18.0508.



This preview shows how white text looks on a background with the XYZ color 14.0980, 23.8652,

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

14.0980, 23.8652, 18.0508

Protanopia

21.9674, 23.5155, 15.1855

Deuteranopia

23.8933, 23.4256, 19.1819



Tritanopia

17.9705, 24.0399, 36.0408

Trichromacy



Original Color

14.0980, 23.8652, 18.0508



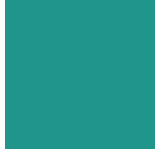
Protanomaly

16.0907, 21.9396, 15.9571



Deuteranomaly

16.8001, 21.6026, 18.6135



Tritanomaly

16.0767, 23.6954, 28.5373

Monochromacy



Original Color

14.0980, 23.8652, 18.0508



Achromatopsia

12.6291, 13.2868, 14.4694



Achromatomaly

11.5160, 15.7980, 15.5391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0980, 23.8652, 18.0508 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(0, 153, 108)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 108)  
}
```

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(0, 153, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.0980, 23.8652, 18.0508 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(0, 153, 108) }
```


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

```
.border{ border-color:rgb(0, 153, 108) }
```

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

Here you see how a box with a 4 pixel rgb(0, 153, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 108);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0980, 23.8652, 18.0508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 108) }
```

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

```
.background{ background-color: rgb(0, 153,  
108) }
```

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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