

Converting Colors

XYZ(10.6937, 19.7437, 24.9246)

Have a look what the booklet for
XYZ(10.6937, 19.7437, 24.9246)
contains.

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Color

**XYZ(14.1381, 21.6125,
25.2563)**

Conversions

Conversions Part 1

Format	Color
Hex	009084
RGB	0, 144, 132
RGB Percent	0%, 56%, 52%
CMY	0.9999, 0.4353, 0.4823
CMYK	1.00, 0.00, 0.08, 0.44
HSL	175°, 100%, 28%
HSV	175°, 100%, 56%
XYZ	14.1381, 21.6125, 25.2563
YIQ	99.5760, -81.9720, -34.2600

Conversions

Conversions Part 2

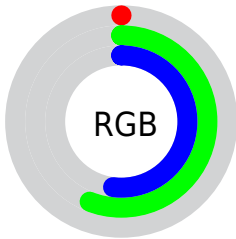
Format	Color
RYB	0, 75, 144
Decimal	36996
CIELab	53.61, -35.13, -2.86
CIELCh	54, 35.251, 184.657
Yxy	21.6125, 0.2317, 0.3543
Android (android.graphics.Color)	4278227076 (0xFF009084)
YUV	99.5760, 15.9850, -87.3282
Hunter-Lab	46.4892, -27.0716, 0.3319

Details

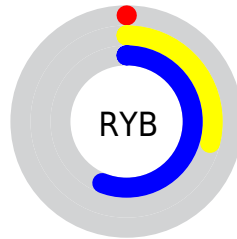
The XYZ color **14.1381, 21.6125, 25.2563** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11.5686, 5.9564, 0.8883**, and the grayscale version is **11.9822, 12.6062, 13.7282**.

A 20% lighter version of the original color is **32.7888, 45.8694, 53.0245**, and **5.4757, 8.4532, 9.5267** is the 20% darker color. If you saturate the color by 10%, you get **14.1385, 21.6132, 25.2564**, and if you desaturate by 10%, it is **14.4088, 21.7430, 25.7007**.

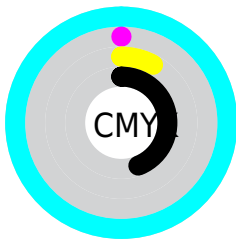
Distribution



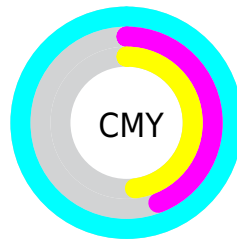
- Red (0%)
- Green (56%)
- Blue (52%)



- Red (0%)
- Yellow (29%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1381, 21.6125, 25.2563 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 14.1381, 21.6125, 25.2563 by changing the saturation by 10% instead.

■ 14.1381, 21.6125,
25.2563

■ 14.1381, 21.6125,
25.2563

211.5817,
260.5159, 292.6004

■ 8.2991, 13.5724,
16.0474

■ 32.9181, 46.1047,
53.0420

■ 4.3404, 7.8239,
9.4029

■ 46.5898, 63.3256,
72.4558

■ 1.8964, 3.9825,
4.9045

■ 63.6032, 84.3757,
96.1083

■ 0.5748, 1.6638,
2.1336

■ 84.3235, 109.6392,
124.4181

■ 0.0000, 0.4000,
0.6357

■ 109.1162,
139.5006, 157.8036

■ 0.0000, 0.0000,
0.0000

■ 138.3465,

174.3442, 196.6835

172.3799,
214.5545, 241.4762

■ 14.1381, 21.6125,
25.2563

■ 14.1381, 21.6125,
25.2563

■ 14.1385, 21.6132,
25.2564

■ 14.4088, 21.7430,
25.7007

■ 14.8062, 21.9382,
26.1555

■ 15.3946, 22.2318,
26.6243

■ 16.1974, 22.6357,
27.1080

■ 17.2348, 23.1606,
27.6077

■ 18.5247, 23.8154,
28.1243

■ 20.0831, 24.6086,
28.6584

■ 21.9249, 25.5478,
29.2109

■ 24.0637, 26.6399,
29.7823

Harmonies

Analogous

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



14.6691, 21.6125, 15.7264



14.1381, 21.6125, 25.2563



15.1438, 21.6125, 37.4020

Triad

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



14.1381, 21.6125, 25.2563



24.9402, 21.6125, 45.0398



23.7993, 21.6125, 9.3274

Complementary

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



14.1381, 21.6125, 25.2563



11.5686, 5.9564, 0.8883

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.



27.0913, 21.6125, 13.6011



14.1381, 21.6125, 25.2563



27.8044, 21.6125, 33.5697

Square

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



14.1381, 21.6125, 25.2563



21.1355, 21.6125, 50.8378



28.6358, 21.6125, 21.8887



19.9598, 21.6125, 8.3258

Rectangle

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



14.1381, 21.6125, 25.2563



16.6322, 21.6125, 44.8207



28.6358, 21.6125, 21.8887



25.0211, 21.6125, 10.3476

Sweetspot

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



14.1387, 21.6133, 25.2568



35.2347, 43.3076, 50.4852



10.1613, 20.0440, 3.3337



7.8315, 9.8048, 11.4951



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.1387, 21.6133, 25.2568



24.9064, 38.1074, 44.3885



8.3948, 8.7345, 27.6300



5.5411, 6.1087, 6.8155



12.3158, 18.8222, 22.0148



0.1215, 0.1814, 0.2300

Inverse Universe

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



11.5686, 5.9564, 0.8883



20.3761, 10.4939, 1.4230



12.9955, 8.9164, 1.0365



5.4260, 5.4309, 5.7413



10.0778, 5.1881, 0.7950



0.0993, 0.0508, 0.0229

Previews

White Background



This preview shows how the XYZ color 14.1381, 21.6125, 25.2563 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 14.1381, 21.6125, 25.2563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

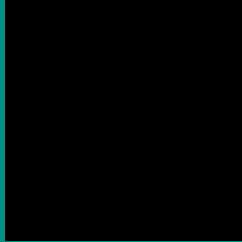
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.1381, 21.6125, 25.2563

Background



This preview shows how black text looks on a background with the XYZ color 14.1381, 21.6125, 25.2563.

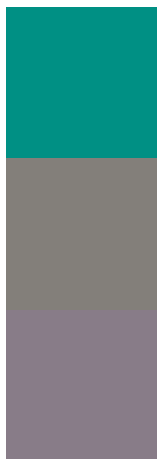


This preview shows how white text looks on a background with the XYZ color 14.1381, 21.6125,

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

14.1381, 21.6125, 25.2563

Protanopia

20.4623, 21.4092, 21.4663

Deuteranopia

21.8049, 21.4271, 26.2792



Tritanopia

15.8855, 21.6741, 33.0520

Trichromacy



Original Color

14.1381, 21.6125, 25.2563

Protanomaly

15.7207, 20.1204, 22.7937

Deuteranomaly

16.4200, 20.0081, 25.9182

Tritanomaly

15.1147, 21.5609, 30.1531

Monochromacy



Original Color

14.1381, 21.6125, 25.2563

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.2844, 14.7506, 17.5816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1381, 21.6125, 25.2563 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, 144, 132)` looks like.

```
.text, #text, p{  
    color:rgb(0, 144, 132)  
}
```

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, 144, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 144, 132) }
```

Border

The CSS property to change the border of an element to XYZ 14.1381, 21.6125, 25.2563 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, 144, 132) }
```


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

```
.border{ border-color:rgb(0, 144, 132) }
```

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

Here you see how a box with a 4 pixel rgb(0, 144, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 144, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 144, 132);  
box-shadow:4px 4px 4px 4px rgb(0, 144,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1381, 21.6125, 25.2563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 144, 132) }
```

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

```
.background{ background-color: rgb(0, 144,  
132) }
```

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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