

Converting Colors

XYZ(10.9436, 18.9189, 25.9369)

Have a look what the booklet for
XYZ(10.9436, 18.9189, 25.9369)
contains.

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Color

**XYZ(13.6058, 20.2145,
26.1064)**

Conversions

Conversions Part 1

Format	Color
Hex	008B87
RGB	0, 139, 135
RGB Percent	0%, 55%, 53%
CMY	0.9999, 0.4549, 0.4706
CMYK	1.00, 0.00, 0.03, 0.45
HSL	178°, 100%, 27%
HSV	178°, 100%, 55%
XYZ	13.6058, 20.2145, 26.1064
YIQ	96.9830, -81.5600, -30.7120

Conversions

Conversions Part 2

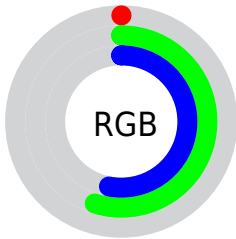
Format	Color
RYB	0, 71, 139
Decimal	35719
CIELab	52.08, -31.89, -6.87
CIElCh	52, 32.619, 192.161
Yxy	20.2145, 0.2270, 0.3373
Android (android.graphics.Color)	4278225799 (0xFF008B87)
YUV	96.9830, 18.7424, -85.0541
Hunter-Lab	44.9605, -24.6639, -2.9544

Details

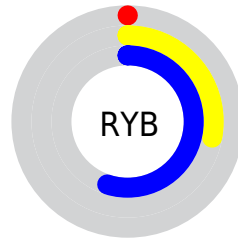
The XYZ color **13.6058, 20.2145, 26.1064** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **10.6700, 5.4984, 0.6144**, and the grayscale version is **11.3295, 11.9195, 12.9803**.

A 20% lighter version of the original color is **31.9848, 43.7492, 54.3356**, and **5.1294, 7.6353, 9.7977** is the 20% darker color. If you saturate the color by 10%, you get **13.6061, 20.2151, 26.1067**, and if you desaturate by 10%, it is **13.8143, 20.3191, 26.2640**.

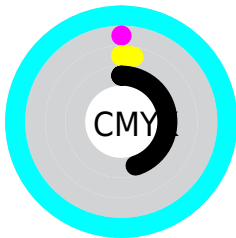
Distribution



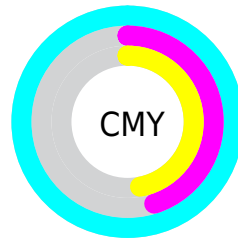
- Red (0%)
- Green (55%)
- Blue (53%)



- Red (0%)
- Yellow (28%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6058, 20.2145, 26.1064 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 13.6058, 20.2145, 26.1064 by changing the saturation by 10% instead.

■ 13.6058, 20.2145,
26.1064

■ 13.6058, 20.2145,
26.1064

208.3246,
253.0740, 296.9261

■ 7.9269, 12.5511,
16.6768

■ 31.9801, 43.7765,
54.4327

■ 4.0996, 7.1201,
9.8448

■ 45.4061, 60.4439,
74.1665

■ 1.7586, 3.5374,
5.1919

■ 62.1452, 80.8813,
98.1721

■ 0.4926, 1.4183,
2.2996

■ 82.5628, 105.4733,
126.8681

■ 0.0000, 0.2301,
0.7310

■ 107.0242,
134.6042, 160.6729

■ 0.0000, 0.0000,
0.0000

■ 135.8947,

168.6583, 200.0051

169.5397,
208.0201, 245.2834

■ 13.6058, 20.2145,
26.1064

■ 13.6058, 20.2145,
26.1064

■ 13.6061, 20.2151,
26.1067

■ 13.8143, 20.3191,
26.2640

■ 14.1367, 20.4821,
26.4270

■ 14.6346, 20.7355,
26.5988

■ 15.3295, 21.0904,
26.7803

■ 16.2397, 21.5563,
26.9725

■ 17.3816, 22.1417,
27.1761

■ 18.7700, 22.8541,
27.3917

■ 20.4184, 23.7005,
27.6201

■ 22.3392, 24.6874,
27.8618

Harmonies

Analogous

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



13.7367, 20.2145, 16.8538



13.6058, 20.2145, 26.1064



14.8444, 20.2145, 36.7671

Triad

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



13.6058, 20.2145, 26.1064



23.8428, 20.2145, 38.6065



21.2437, 20.2145, 8.7560

Complementary

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



13.6058, 20.2145, 26.1064



10.6700, 5.4984, 0.6144

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.



24.3648, 20.2145, 11.8481



13.6058, 20.2145, 26.1064



25.9806, 20.2145, 28.1237

Square

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



13.6058, 20.2145, 26.1064



20.5949, 20.2145, 45.2626



26.1820, 20.2145, 18.3665



17.8949, 20.2145, 8.5039

Rectangle

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



13.6058, 20.2145, 26.1064



16.3738, 20.2145, 42.5501



26.1820, 20.2145, 18.3665



22.3634, 20.2145, 9.4448

Sweetspot

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



13.6064, 20.2153, 26.1069



33.4330, 40.8342, 49.0259



9.2912, 18.4959, 3.0809



7.4806, 9.2947, 11.2631



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



13.6064, 20.2153, 26.1069



24.3545, 36.1963, 46.6933



7.1189, 6.7810, 25.3605



5.1667, 5.6862, 6.3989



12.2809, 18.2449, 23.5676



0.0825, 0.1216, 0.1614

Inverse Universe

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



10.6700, 5.4984, 0.6144



19.0963, 9.8412, 1.0427



12.5312, 9.2558, 1.1266



5.0383, 5.0508, 5.2903



9.6307, 4.9624, 0.5599



0.0646, 0.0332, 0.0072

Previews

White Background



This preview shows how the XYZ color 13.6058, 20.2145, 26.1064 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 13.6058, 20.2145, 26.1064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

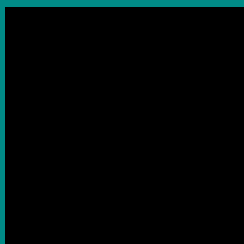
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 13.6058, 20.2145, 26.1064

Background



This preview shows how black text looks on a background with the XYZ color 13.6058, 20.2145, 26.1064.



This preview shows how white text looks on a background with the XYZ color 13.6058, 20.2145,

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

13.6058, 20.2145, 26.1064

Protanopia

19.2421, 20.0066, 22.2495

Deuteranopia

20.2788, 19.8862, 27.1957



Tritanopia

14.7977, 20.2906, 31.1535

Trichromacy



Original Color

13.6058, 20.2145, 26.1064

Protanomaly

15.1210, 18.9910, 23.6375

Deuteranomaly

15.5702, 18.7631, 26.8458

Tritanomaly

14.2959, 20.2887, 29.1492

Monochromacy



Original Color

13.6058, 20.2145, 26.1064

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.6500, 13.7602, 17.1336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6058, 20.2145, 26.1064 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, 139, 135)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 135)  
}
```

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, 139, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 135) }
```

Border

The CSS property to change the border of an element to XYZ 13.6058, 20.2145, 26.1064 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, 139, 135) }
```


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

```
.border{ border-color:rgb(0, 139, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 139, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 139,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6058, 20.2145, 26.1064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 135) }
```

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

```
.background{ background-color: rgb(0, 139,  
135) }
```

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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