

Converting Colors

XYZ(17.8940, 26.2801, 24.5691)

Have a look what the booklet for
XYZ(17.8940, 26.2801, 24.5691)
contains.

XYZ(17.7976, 26.1250, 24.5267)	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(17.7976, 26.1250,
24.5267)**

Conversions

Conversions Part 1

Format	Color
Hex	419B80
RGB	65, 155, 128
RGB Percent	25%, 61%, 50%
CMY	0.7451, 0.3921, 0.4980
CMYK	0.58, 0.00, 0.17, 0.39
HSL	162°, 41%, 43%
HSV	162°, 58%, 61%
XYZ	17.7976, 26.1250, 24.5267
YIQ	125.0120, -44.9730, -27.4770

Conversions

Conversions Part 2

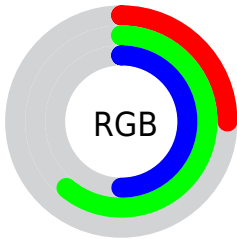
Format	Color
RYB	65, 118, 155
Decimal	4299648
CIELab	58.16, -33.58, 6.16
CIElCh	58, 34.145, 169.600
Yxy	26.1250, 0.2600, 0.3817
Android (android.graphics.Color)	4282489728 (0xFF419B80)
YUV	125.0120, 1.4731, -52.6305
Hunter-Lab	51.1126, -27.2927, 7.3282

Details

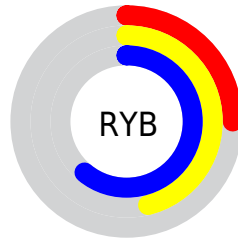
The XYZ color **17.7976, 26.1250, 24.5267** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **17.3405, 11.5225, 11.4363**, and the grayscale version is **19.5037, 20.5194, 22.3456**.

A 20% lighter version of the original color is **39.2722, 53.4943, 51.9716**, and **6.2615, 10.2650, 9.0485** is the 20% darker color. If you saturate the color by 10%, you get **16.6100, 25.5480, 22.9101**, and if you desaturate by 10%, it is **19.2823, 26.8549, 26.2316**.

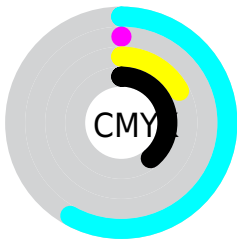
Distribution



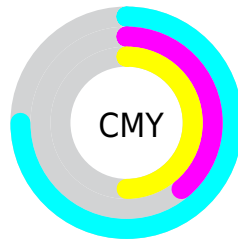
- Red (25%)
- Green (61%)
- Blue (50%)



- Red (25%)
- Yellow (46%)
- Blue (61%)



- Cyan (58%)
- Magenta (0%)
- Yellow (17%)
- Black (39%)



- Cyan (75%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7976, 26.1250, 24.5267 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 17.7976, 26.1250, 24.5267 by changing the saturation by 10% instead.

■ 17.7976, 26.1250,
24.5267

■ 17.7976, 26.1250,
24.5267

232.7954,
283.3952, 288.8444

■ 10.9036, 16.9172,
15.5090

■ 39.2249, 53.4765,
51.8429

■ 6.0688, 10.1755,
9.0268

■ 54.4890, 72.3890,
70.9785

■ 2.9280, 5.5154,
4.6616

■ 73.2737, 95.3052,
94.3237

■ 1.1158, 2.5528,
1.9949

■ 95.9445, 122.6095,
122.2972

■ 0.0383, 0.9030,
0.5521

■ 122.8667,
154.6862, 155.3175

■ 0.0000, 0.0000,
0.0000

154.4057,

191.9198, 193.8031

190.9268,
234.6946, 238.1726

■ 17.7976, 26.1250,
24.5267

■ 17.7976, 26.1250,
24.5267

■ 16.6100, 25.5480,
22.9101

■ 19.2823, 26.8549,
26.2316

■ 15.6934, 25.1084,
21.3780

■ 21.0831, 27.7454,
28.0248

■ 15.0209, 24.7931,
19.9285

■ 23.2198, 28.8074,
29.9090

■ 14.5413, 24.5757,
18.5584

■ 25.7101, 30.0500,
31.8857

■ 14.4552, 24.5369,
18.3014

■ 28.5703, 31.4817,
33.9567

■ 31.8158, 33.1102,
36.1236

■ 35.4609, 34.9430,
38.3878

■ 39.5194, 36.9871,
40.7510

■ 44.0043, 39.2492,
43.2145

Harmonies

Analogous

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



19.2505, 26.1250, 16.0839



17.7976, 26.1250, 24.5267



18.0635, 26.1250, 36.7961

Triad

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



17.7976, 26.1250, 24.5267



27.5973, 26.1250, 55.7701



30.3539, 26.1250, 14.3804

Complementary

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



17.7976, 26.1250, 24.5267



17.3405, 11.5225, 11.4363

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.



33.1074, 26.1250, 21.4651



17.7976, 26.1250, 24.5267



31.3975, 26.1250, 45.9208

Square

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



17.7976, 26.1250, 24.5267



23.4220, 26.1250, 57.2654



33.5092, 26.1250, 32.7614



26.2954, 26.1250, 11.4023

Rectangle

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



17.7976, 26.1250, 24.5267



19.1903, 26.1250, 45.5861



33.5092, 26.1250, 32.7614



31.4811, 26.1250, 16.2512

Sweetspot

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



17.7983, 26.1260, 24.5273



46.3944, 53.9904, 57.3675



17.2413, 26.1787, 9.1458



10.3021, 12.1210, 12.8339



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.7983, 26.1260, 24.5273



29.1520, 45.4659, 40.1055



17.2576, 21.8121, 34.3121



6.3056, 6.9950, 7.5326



11.6274, 19.7144, 14.7905



0.1896, 0.3011, 0.3044

Inverse Universe

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



17.3405, 11.5225, 11.4363



28.2825, 16.7315, 14.5029



17.4522, 13.3104, 6.6508



6.2813, 6.2517, 6.8613



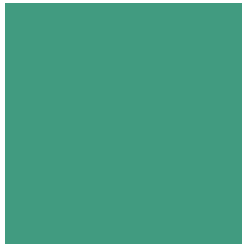
11.2767, 5.7649, 2.7161



0.1833, 0.0921, 0.1180

Previews

White Background



This preview shows how the XYZ color 17.7976, 26.1250, 24.5267 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 17.7976, 26.1250, 24.5267 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 17.7976, 26.1250, 24.5267

Background



This preview shows how black text looks on a background with the XYZ color 17.7976, 26.1250, 24.5267.



This preview shows how white text looks on a background with the XYZ color 17.7976, 26.1250,

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

17.7976, 26.1250, 24.5267

Protanopia

24.4768, 25.9323, 21.4847

Deuteranopia

26.2075, 25.6847, 25.4062



Tritanopia

20.4885, 25.9991, 38.1209

Trichromacy



Original Color

17.7976, 26.1250, 24.5267

Protanomaly

21.0367, 25.4628, 22.5449

Deuteranomaly

21.7958, 25.1223, 25.1731

Tritanomaly

19.4809, 26.0749, 32.8604

Monochromacy



Original Color

17.7976, 26.1250, 24.5267

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.1636, 21.9982, 23.0274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7976, 26.1250, 24.5267 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(65, 155, 128)` looks like.

```
.text, #text, p{  
    color:rgb(65, 155, 128)  
}
```

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(65, 155, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 155, 128) }
```

Border

The CSS property to change the border of an element to XYZ 17.7976, 26.1250, 24.5267 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(65, 155, 128) }
```


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

```
.border{ border-color:rgb(65, 155, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 155, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 155, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 155, 128);  
box-shadow:4px 4px 4px 4px rgb(65, 155,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7976, 26.1250, 24.5267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 155, 128) }
```

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

```
.background{ background-color: rgb(65, 155,  
128) }
```

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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