

Converting Colors

XYZ(17.3584, 20.8059, 26.0355)

Have a look what the booklet for
XYZ(17.3584, 20.8059, 26.0355)
contains.

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Color

**XYZ(17.3768, 20.9040,
26.0407)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8587
RGB	94, 133, 135
RGB Percent	37%, 52%, 53%
CMY	0.6314, 0.4784, 0.4706
CMYK	0.30, 0.01, 0.00, 0.47
HSL	183°, 18%, 45%
HSV	183°, 30%, 53%
XYZ	17.3768, 20.9040, 26.0407
YIQ	121.5670, -23.8860, -7.6460

Conversions

Conversions Part 2

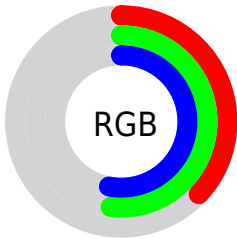
Format	Color
R _Y B	94, 114, 135
Decimal	6194567
CIE Lab	52.84, -12.96, -5.45
CIE LCh	53, 14.061, 202.793
Yxy	20.9040, 0.2702, 0.3250
Android (android.graphics.Color)	4284384647 (0xFF5E8587)
YUV	121.5670, 6.6225, -24.1763
Hunter-Lab	45.7209, -12.1704, -1.7645

Details

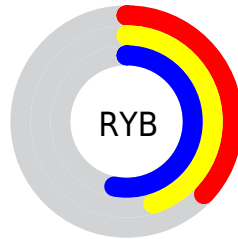
The XYZ color **17.3768, 20.9040, 26.0407** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.1952, 14.3250, 12.5016**, and the grayscale version is **18.3429, 19.2981, 21.0157**.

A 20% lighter version of the original color is **38.4901, 44.8596, 54.2071**, and **5.8151, 7.4003, 9.7162** is the 20% darker color. If you saturate the color by 10%, you get **16.0221, 20.0728, 25.9520**, and if you desaturate by 10%, it is **18.9755, 21.8628, 26.1419**.

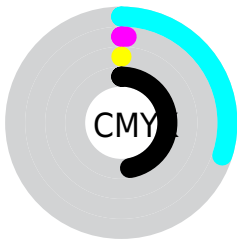
Distribution



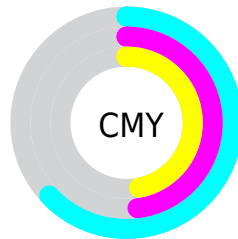
- Red (37%)
- Green (52%)
- Blue (53%)



- Red (37%)
- Yellow (45%)
- Blue (53%)



- Cyan (30%)
- Magenta (1%)
- Yellow (0%)
- Black (47%)



- Cyan (63%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3768, 20.9040, 26.0407 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 17.3768, 20.9040, 26.0407 by changing the saturation by 10% instead.

■ 17.3768, 20.9040,
26.0407

■ 17.3768, 20.9040,
26.0407

230.4487,
256.7679, 296.5936

■ 10.6005, 13.0538,
16.6281

■ 38.5110, 44.9277,
54.3255

■ 5.8642, 7.4656,
9.8105

■ 53.5995, 61.8701,
74.0347

■ 2.8025, 3.7550,
5.1695

■ 72.1895, 82.6119,
98.0132

■ 1.0502, 1.5375,
2.2866

■ 94.6463, 107.5377,
126.6795

■ 0.0000, 0.3149,
0.7237

121.3353,
137.0318, 160.4522

■ 0.0000, 0.0000,
0.0000

152.6217,

171.4786, 199.7497

188.8711,
211.2625, 244.9907

■ 17.3768, 20.9040,
26.0407

■ 17.3768, 20.9040,
26.0407

■ 16.0221, 20.0728,
25.9520

■ 18.9755, 21.8628,
26.1419

■ 14.8969, 19.3603,
25.8738

■ 20.8279, 22.9528,
26.2546

■ 13.9881, 18.7601,
25.8058

■ 22.9457, 24.1804,
26.3800

■ 13.2804, 18.2644,
25.7475

■ 25.3392, 25.5510,
26.5183

■ 12.7566, 17.8644,
25.6979

■ 28.0181, 27.0696,
26.6703

■ 12.3967, 17.5497,
25.6561

■ 30.9917, 28.7409,
26.8361

■ 12.1474, 17.2976,
25.6206

■ 34.2688, 30.5695,
27.0164

■ 37.8579, 32.5599,
27.2114

■ 41.7672, 34.7161,
27.4215

Harmonies

Analogous

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



17.1961, 20.9040, 21.7611



17.3768, 20.9040, 26.0407



18.2091, 20.9040, 29.8306

Triad

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



17.3768, 20.9040, 26.0407



22.2042, 20.9040, 28.0111



20.2251, 20.9040, 15.6419

Complementary

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



17.3768, 20.9040, 26.0407



16.1952, 14.3250, 12.5016

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.



21.6260, 20.9040, 16.9070



17.3768, 20.9040, 26.0407



22.8046, 20.9040, 23.7908

Square

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



17.3768, 20.9040, 26.0407



20.9831, 20.9040, 31.0624



22.5880, 20.9040, 19.7687



18.7944, 20.9040, 16.0883

Rectangle

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



17.3768, 20.9040, 26.0407



19.0447, 20.9040, 31.3954



22.5880, 20.9040, 19.7687



20.7159, 20.9040, 15.8753

Sweetspot

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



17.3774, 20.9048, 26.0412



37.7163, 41.3473, 47.0413



15.3628, 20.5409, 14.0696



8.6276, 9.5131, 10.8878



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.3774, 20.9048, 26.0412



29.5085, 36.4518, 46.5290



14.9097, 15.9695, 25.2186



4.7827, 5.2410, 5.9603



11.2041, 15.9560, 23.6260



0.0403, 0.0582, 0.0823

Inverse Universe

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



18.2285, 14.8503, 24.0969



31.2842, 23.9591, 42.4411



18.2425, 18.4196, 13.1840



4.8483, 4.7590, 5.8137



12.8334, 6.1977, 19.4930



0.0452, 0.0218, 0.0715

Previews

White Background



This preview shows how the XYZ color 17.3768, 20.9040, 26.0407 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 17.3768, 20.9040, 26.0407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

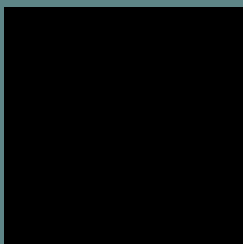
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

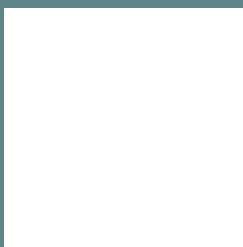
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3768, 20.9040, 26.0407

Background



This preview shows how black text looks on a background with the XYZ color 17.3768, 20.9040, 26.0407.



This preview shows how white text looks on a background with the XYZ color 17.3768, 20.9040,

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

17.3768, 20.9040, 26.0407

Protanopia

20.1153, 20.7910, 24.0720

Deuteranopia

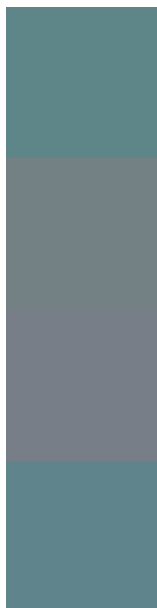
21.1478, 20.7118, 26.5501



Tritanopia

17.9576, 20.9423, 28.6870

Trichromacy



Original Color

17.3768, 20.9040, 26.0407

Protanomaly

18.9543, 20.7491, 24.8358

Deuteranomaly

19.5125, 20.6212, 26.2444

Tritanomaly

17.6308, 20.7995, 27.5116

Monochromacy



Original Color

17.3768, 20.9040, 26.0407

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.9737, 19.8988, 22.9722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3768, 20.9040, 26.0407 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(94, 133, 135) looks like.

```
.text, #text, p{  
    color:rgb(94, 133, 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(94, 133, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 133, 135) }
```

Border

The CSS property to change the border of an element to XYZ 17.3768, 20.9040, 26.0407 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(94, 133, 135) }
```


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

```
.border{ border-color:rgb(94, 133, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 133, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 133, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 133, 135);  
box-shadow:4px 4px 4px 4px rgb(94, 133,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3768, 20.9040, 26.0407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 133, 135) }
```

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

```
.background{ background-color: rgb(94, 133,  
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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