

Converting Colors

XYZ(16.5423, 20.4648, 26.4415)

Have a look what the booklet for
XYZ(16.5423, 20.4648, 26.4415)
contains.

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Color

**XYZ(16.4876, 20.4374,
26.3684)**

Conversions

Conversions Part 1

Format	Color
Hex	548588
RGB	84, 133, 136
RGB Percent	33%, 52%, 53%
CMY	0.6706, 0.4784, 0.4667
CMYK	0.38, 0.02, 0.00, 0.47
HSL	183°, 24%, 43%
HSV	183°, 38%, 53%
XYZ	16.4876, 20.4374, 26.3684
YIQ	118.6910, -30.1670, -9.4550

Conversions

Conversions Part 2

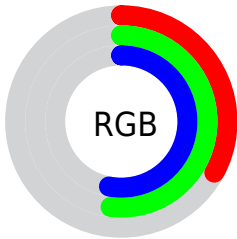
Format	Color
R_{YB}	84, 109, 136
Decimal	5539208
CIE _{Lab}	52.33, -15.66, -6.86
CIE _{LCh}	52, 17.099, 203.638
Yxy	20.4374, 0.2605, 0.3229
Android (android.graphics.Color)	4283729288 (0xFF548588)
YUV	118.6910, 8.5333, -30.4240
Hunter-Lab	45.2077, -14.0133, -2.9368

Details

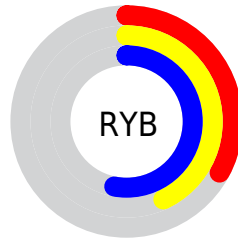
The XYZ color **16.4876, 20.4374, 26.3684** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.1621, 12.6910, 10.0385**, and the grayscale version is **17.4182, 18.3253, 19.9563**.

A 20% lighter version of the original color is **36.8976, 44.0262, 54.6973**, and **5.4002, 7.1817, 9.9057** is the 20% darker color. If you saturate the color by 10%, you get **15.2798, 19.6564, 26.2817**, and if you desaturate by 10%, it is **17.9338, 21.3435, 26.4674**.

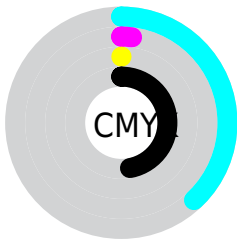
Distribution



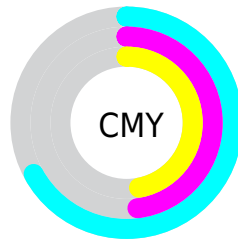
- Red (33%)
- Green (52%)
- Blue (53%)



- Red (33%)
- Yellow (43%)
- Blue (53%)



- Cyan (38%)
- Magenta (2%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4876, 20.4374, 26.3684 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 16.4876, 20.4374, 26.3684 by changing the saturation by 10% instead.

■ 16.4876, 20.4374,
26.3684

■ 16.4876, 20.4374,
26.3684

■ 225.4163,
254.2733, 298.2487

■ 9.9629, 12.7134,
16.8712

■ 36.9933, 44.1493,
54.8600

■ 5.4364, 7.2315,
9.9817

■ 51.7050, 60.9060,
74.6916

■ 2.5429, 3.6073,
5.2814

■ 69.8764, 81.4424,
98.8049

■ 0.9169, 1.4564,
2.3517

■ 91.8728, 106.1428,
127.6187

■ 0.0000, 0.2577,
0.7600

■ 118.0597,
135.3917, 161.5515

■ 0.0000, 0.0000,
0.0000

148.8023,

169.5735, 201.0217

184.4661,
209.0726, 246.4479

■ 16.4876, 20.4374,
26.3684

■ 16.4876, 20.4374,
26.3684

■ 15.2798, 19.6564,
26.2817

■ 17.9338, 21.3435,
26.4674

■ 14.2948, 18.9910,
26.2051

■ 19.6293, 22.3787,
26.5779

■ 13.5180, 18.4341,
26.1386

■ 21.5863, 23.5500,
26.7008

■ 12.9326, 17.9770,
26.0812

■ 23.8158, 24.8629,
26.8367

■ 12.5186, 17.6096,
26.0321

■ 26.3283, 26.3229,
26.9861

■ 12.2320, 17.3089,
25.9892

■ 29.1334, 27.9351,
27.1494

■ 12.1838, 17.2572,
25.9817

■ 32.2407, 29.7041,
27.3271

■ 35.6589, 31.6347,
27.5196

■ 39.3967, 33.7312,
27.7273

Harmonies

Analogous

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



16.2529, 20.4374, 21.1963



16.4876, 20.4374, 26.3684



17.4875, 20.4374, 31.0033

Triad

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



16.4876, 20.4374, 26.3684



22.2790, 20.4374, 28.5063



19.8025, 20.4374, 13.9453

Complementary

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



16.4876, 20.4374, 26.3684



15.1621, 12.6910, 10.0385

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.



21.5009, 20.4374, 15.3265



16.4876, 20.4374, 26.3684



22.9854, 20.4374, 23.3440

Square

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



16.4876, 20.4374, 26.3684



20.8135, 20.4374, 32.3621



22.6924, 20.4374, 18.5895



18.0999, 20.4374, 14.5042

Rectangle

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



16.4876, 20.4374, 26.3684



18.4875, 20.4374, 32.9049



22.6924, 20.4374, 18.5895



20.3939, 20.4374, 14.1904

Sweetspot

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



16.4882, 20.4382, 26.3689



36.9550, 40.8554, 46.9865



14.1648, 20.1752, 12.0795



8.4644, 9.4055, 10.8757



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.



16.4882, 20.4382, 26.3689



27.1685, 34.7988, 46.3333



13.4000, 14.2619, 25.3395



5.1486, 5.6401, 6.4231



11.5337, 16.3378, 24.5913



0.0801, 0.1155, 0.1645

Inverse Universe

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



17.5578, 13.2688, 23.8269



29.3642, 20.3621, 41.0520



17.6146, 17.5960, 10.8560



5.2216, 5.1241, 6.2554



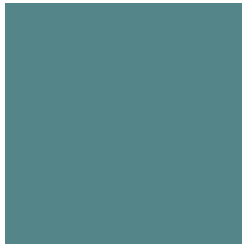
13.3085, 6.4335, 19.9267



0.0902, 0.0434, 0.1416

Previews

White Background



This preview shows how the XYZ color 16.4876, 20.4374, 26.3684 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 16.4876, 20.4374, 26.3684 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

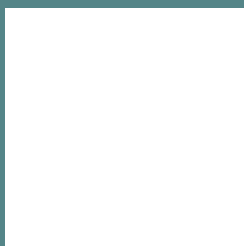
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.4876, 20.4374, 26.3684

Background



This preview shows how black text looks on a background with the XYZ color 16.4876, 20.4374, 26.3684.

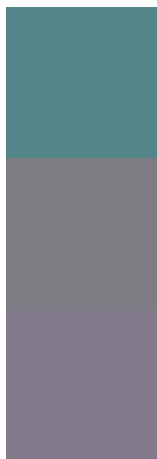


This preview shows how white text looks on a background with the XYZ color 16.4876, 20.4374,

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

16.4876, 20.4374, 26.3684

Protanopia

19.6944, 20.3870, 24.0162

Deuteranopia

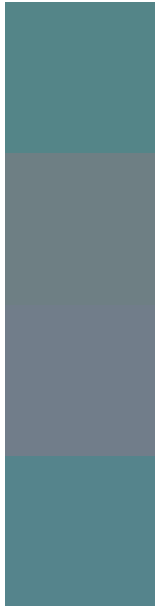
20.7035, 20.2847, 27.2502



Tritanopia

17.0469, 20.4641, 29.0381

Trichromacy



Original Color

16.4876, 20.4374, 26.3684

Protanomaly

18.1846, 20.1597, 24.7626

Deuteranomaly

18.7311, 20.0129, 26.9204

Tritanomaly

16.7312, 20.3273, 27.8527

Monochromacy



Original Color

16.4876, 20.4374, 26.3684

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.8532, 18.9601, 22.1735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4876, 20.4374, 26.3684 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(84, 133, 136) looks like.

```
.text, #text, p{  
    color:rgb(84, 133, 136)  
}
```

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(84, 133, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 133, 136) }
```

Border

The CSS property to change the border of an element to XYZ 16.4876, 20.4374, 26.3684 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(84, 133, 136) }
```


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

```
.border{ border-color:rgb(84, 133, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 133, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 133, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 133, 136);  
box-shadow:4px 4px 4px 4px rgb(84, 133,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4876, 20.4374, 26.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 133, 136) }
```

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

```
.background{ background-color: rgb(84, 133,  
136) }
```

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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