

Converting Colors

XYZ(16.6889, 21.8161, 26.3739)

Have a look what the booklet for
XYZ(16.6889, 21.8161, 26.3739)
contains.

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Color

**XYZ(16.6664, 21.7923,
26.2496)**

Conversions

Conversions Part 1

Format	Color
Hex	4D8B87
RGB	77, 139, 135
RGB Percent	30%, 55%, 53%
CMY	0.6980, 0.4549, 0.4706
CMYK	0.45, 0.00, 0.03, 0.45
HSL	176°, 29%, 42%
HSV	176°, 45%, 55%
XYZ	16.6664, 21.7923, 26.2496
YIQ	120.0060, -35.6680, -14.3880

Conversions

Conversions Part 2

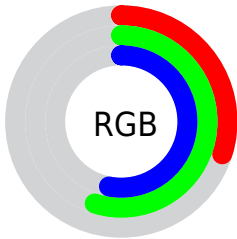
Format	Color
R_{YB}	77, 109, 139
Decimal	5081991
CIE _{Lab}	53.81, -21.03, -4.12
CIE _{LCh}	54, 21.429, 191.086
Yxy	21.7923, 0.2576, 0.3368
Android (android.graphics.Color)	4283272071 (0xFF4D8B87)
YUV	120.0060, 7.3920, -37.7163
Hunter-Lab	46.6822, -17.9662, -0.6614

Details

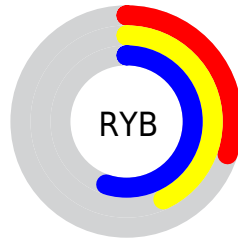
The XYZ color **16.6664, 21.7923, 26.2496** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.7873, 11.3915, 9.2049**, and the grayscale version is **17.8404, 18.7695, 20.4399**.

A 20% lighter version of the original color is **37.3530, 46.5166, 54.5868**, and **5.5429, 7.9712, 9.8408** is the 20% darker color. If you saturate the color by 10%, you get **15.5998, 21.2502, 25.8718**, and if you desaturate by 10%, it is **17.9745, 22.4599, 26.6424**.

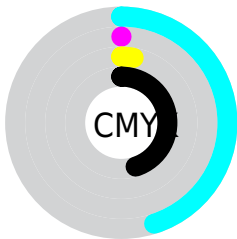
Distribution



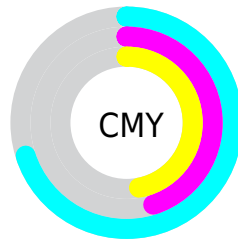
- Red (30%)
- Green (55%)
- Blue (53%)



- Red (30%)
- Yellow (43%)
- Blue (55%)



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



- Cyan (70%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6664, 21.7923, 26.2496 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 16.6664, 21.7923, 26.2496 by changing the saturation by 10% instead.

■ 16.6664, 21.7923,
26.2496

■ 16.6664, 21.7923,
26.2496

■ 226.4365,
261.4597, 297.6496

■ 10.0908, 13.7044,
16.7830

■ 37.2995, 46.4025,
54.6664

■ 5.5219, 7.9153,
9.9196

■ 52.0876, 63.6935,
74.4536

■ 2.5945, 4.0408,
5.2408

■ 70.3440, 84.8210,
98.5182

■ 0.9431, 1.6964,
2.3280

■ 92.4339, 110.1694,
127.2786

■ 0.0000, 0.4213,
0.7468

■ 118.7228,
140.1231, 161.1534

■ 0.0000, 0.0000,
0.0000

149.5759,

175.0664, 200.5612

185.3587,
215.3838, 245.9204

■ 16.6664, 21.7923,
26.2496

■ 16.6664, 21.7923,
26.2496

■ 15.5998, 21.2502,
25.8718

■ 17.9745, 22.4599,
26.6424

■ 14.7573, 20.8231,
25.5068

■ 19.5363, 23.2576,
27.0495

■ 14.1225, 20.5030,
25.1542

■ 21.3653, 24.1930,
27.4718

■ 13.6756, 20.2797,
24.8132

■ 23.4737, 25.2724,
27.9100

■ 13.3908, 20.1399,
24.4826

■ 25.8727, 26.5016,
28.3646

■ 13.2643, 20.0785,
24.3065

■ 28.5732, 27.8861,
28.8361

■ 31.5852, 29.4311,
29.3251

■ 34.9184, 31.1417,
29.8319

■ 38.5822, 33.0226,
30.3569

Harmonies

Analogous

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



16.8020, 21.7923, 19.8522



16.6664, 21.7923, 26.2496



17.5531, 21.7923, 33.0704

Triad

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



16.6664, 21.7923, 26.2496



23.7596, 21.7923, 34.6206



22.1808, 21.7923, 13.6441

Complementary

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



16.6664, 21.7923, 26.2496



14.7873, 11.3915, 9.2049

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.



24.2309, 21.7923, 16.3352



16.6664, 21.7923, 26.2496



25.1880, 21.7923, 28.0782

Square

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



16.6664, 21.7923, 26.2496



21.5756, 21.7923, 38.4660



25.3665, 21.7923, 21.3735



19.8736, 21.7923, 13.3368

Rectangle

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



16.6664, 21.7923, 26.2496



18.6460, 21.7923, 36.6417



25.3665, 21.7923, 21.3735



22.9272, 21.7923, 14.2728

Sweetspot

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



16.6670, 21.7932, 26.2501



38.7296, 43.5641, 49.2974



13.9777, 20.7572, 10.2916



8.7614, 9.9549, 11.3238



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.



16.6670, 21.7932, 26.2501



27.8387, 38.0049, 46.2922



13.5304, 15.0605, 26.6209



5.1591, 5.6831, 6.3590



11.9736, 18.1220, 21.9496



0.0815, 0.1212, 0.1561

Inverse Universe

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



14.7873, 11.3915, 9.2049



24.0109, 16.7910, 11.5577



16.9247, 15.8994, 9.1986



5.0451, 5.0535, 5.3261



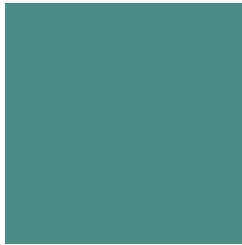
9.6567, 4.9728, 0.6966



0.0656, 0.0336, 0.0125

Previews

White Background



This preview shows how the XYZ color 16.6664, 21.7923, 26.2496 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 16.6664, 21.7923, 26.2496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

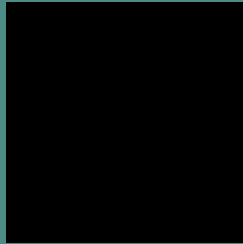
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.6664, 21.7923, 26.2496

Background



This preview shows how black text looks on a background with the XYZ color 16.6664, 21.7923, 26.2496.



This preview shows how white text looks on a background with the XYZ color 16.6664, 21.7923,

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

16.6664, 21.7923, 26.2496

Protanopia

20.6916, 21.4831, 23.4782

Deuteranopia

21.9484, 21.4845, 27.0349



Tritanopia

17.6843, 21.7788, 31.2886

Trichromacy



Original Color

16.6664, 21.7923, 26.2496

Protanomaly

18.7686, 21.2508, 24.5853

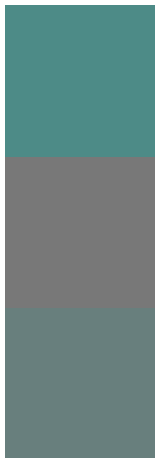
Deuteranomaly

19.4358, 21.1515, 26.7252

Tritanomaly

17.3547, 21.8656, 29.2924

Monochromacy



Original Color

16.6664, 21.7923, 26.2496

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.0000, 19.6025, 22.2897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6664, 21.7923, 26.2496 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(77, 139, 135)` looks like.

```
.text, #text, p{  
  color:rgb(77, 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(77, 139, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 139, 135) }
```

Border

The CSS property to change the border of an element to XYZ 16.6664, 21.7923, 26.2496 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(77, 139, 135) }
```


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

```
.border{ border-color:rgb(77, 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(77, 139, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 139, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 139, 135);  
box-shadow:4px 4px 4px 4px rgb(77, 139,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6664, 21.7923, 26.2496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 139, 135) }
```

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

```
.background{ background-color: rgb(77, 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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