

Converting Colors

XYZ(16.7140, 21.4281, 32.5380)

Have a look what the booklet for
XYZ(16.7140, 21.4281, 32.5380)
contains.

XYZ(16.7243, 21.4681, 32.5404)	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(16.7243, 21.4681,
32.5404)**

Conversions

Conversions Part 1

Format	Color
Hex	3F8A97
RGB	63, 138, 151
RGB Percent	25%, 54%, 59%
CMY	0.7529, 0.4588, 0.4078
CMYK	0.58, 0.09, 0.00, 0.41
HSL	189°, 41%, 42%
HSV	189°, 58%, 59%
XYZ	16.7243, 21.4681, 32.5404
YIQ	117.0570, -48.8730, -11.8570

Conversions

Conversions Part 2

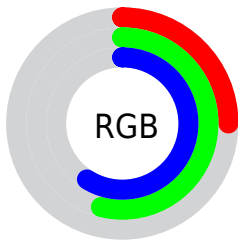
Format	Color
R _Y B	63, 103, 151
Decimal	4164247
CIE Lab	53.46, -19.21, -13.96
CIE LCh	53, 23.744, 216.013
Yxy	21.4681, 0.2364, 0.3035
Android (android.graphics.Color)	4282354327 (0xFF3F8A97)
YUV	117.0570, 16.7339, -47.4080
Hunter-Lab	46.3337, -16.6538, -9.2061

Details

The XYZ color **16.7243, 21.4681, 32.5404** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.2446, 12.1076, 6.1841**, and the grayscale version is **16.8875, 17.7669, 19.3482**.

A 20% lighter version of the original color is **37.4768, 46.0290, 64.6669**, and **5.7900, 7.8995, 13.2762** is the 20% darker color. If you saturate the color by 10%, you get **15.5724, 20.4045, 32.3962**, and if you desaturate by 10%, it is **18.1486, 22.6828, 32.7002**.

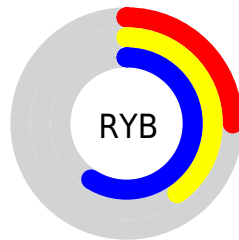
Distribution



Red (25%)

Green (54%)

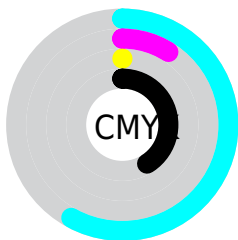
Blue (59%)



Red (25%)

Yellow (40%)

Blue (59%)

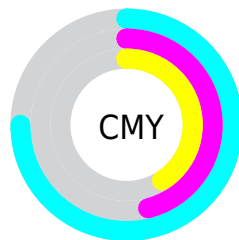


Cyan (58%)

Magenta (9%)

Yellow (0%)

Black (41%)



Cyan (75%)

Magenta (46%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7243, 21.4681, 32.5404 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 16.7243, 21.4681, 32.5404 by changing the saturation by 10% instead.

■ 16.7243, 21.4681,
32.5404

■ 16.7243, 21.4681,
32.5404

■ 226.7659,
259.7558, 328.1419

■ 10.1322, 13.4666,
21.5064

■ 37.3985, 45.8653,
64.7650

■ 5.5496, 7.7506,
13.2998

■ 52.2114, 63.0298,
86.7927

■ 2.6113, 3.9358,
7.5022

■ 70.4951, 84.0174,
113.3220

■ 0.9517, 1.6377,
3.6949

■ 92.6153, 109.2125,
144.7715

■ 0.0000, 0.3828,
1.4595

■ 118.9370,
138.9995, 181.5597

■ 0.0000, 0.0000,
0.1875

149.8258,

■ 0.0000, 0.0000,

173.7628, 224.1051

0.0000

185.6470,
213.8868, 272.8263

■ 16.7243, 21.4681,
32.5404

■ 16.7243, 21.4681,
32.5404

■ 15.5724, 20.4045,
32.3962

■ 18.1486, 22.6828,
32.7002

■ 14.6688, 19.4781,
32.2650

■ 19.8630, 24.0564,
32.8750

■ 13.9880, 18.6763,
32.1461

■ 21.8861, 25.5990,
33.0661

■ 13.4794, 17.9728,
32.0372

■ 24.2344, 27.3192,
33.2743

■ 13.3962, 17.8548,
32.0188

■ 26.9229, 29.2248,
33.5005

■ 29.9661, 31.3232,
33.7451

■ 33.3773, 33.6215,
34.0089

■ 37.1692, 36.1262,
34.2925

■ 41.3541, 38.8436,
34.5965

Harmonies

Analogous

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



15.9474, 21.4681, 24.8621



16.7243, 21.4681, 32.5404



18.4941, 21.4681, 38.5186

Triad

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



16.7243, 21.4681, 32.5404



25.1696, 21.4681, 29.4953



19.9004, 21.4681, 12.0949

Complementary

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



16.7243, 21.4681, 32.5404



16.2446, 12.1076, 6.1841

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.



22.4427, 21.4681, 12.8341



16.7243, 21.4681, 32.5404



25.6238, 21.4681, 21.9486

Square

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



16.7243, 21.4681, 32.5404



23.3945, 21.4681, 36.5220



24.5891, 21.4681, 16.1159



17.6813, 21.4681, 13.8357

Rectangle

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



16.7243, 21.4681, 32.5404



20.0691, 21.4681, 40.1699



24.5891, 21.4681, 16.1159



20.7442, 21.4681, 12.0673

Sweetspot

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



16.7250, 21.4689, 32.5409



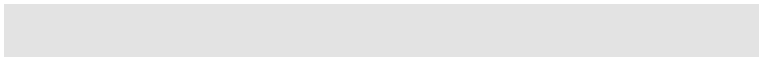
43.8243, 49.2296, 59.6262



14.3780, 23.6948, 10.4253



9.7747, 11.0553, 13.5362



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



16.7250, 21.4689, 32.5409



27.3363, 35.9975, 57.9411



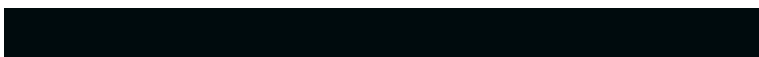
11.7527, 11.5244, 30.8835



6.3068, 6.8710, 7.9228



11.4125, 15.2216, 27.2443



0.1892, 0.2647, 0.4135

Inverse Universe

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



19.1280, 11.9699, 25.3479



32.2563, 18.0374, 42.8802



20.2254, 20.0691, 7.5110



6.4220, 6.3080, 7.6023



14.2193, 6.9419, 18.2115



0.2220, 0.1075, 0.3216

Previews

White Background



This preview shows how the XYZ color 16.7243, 21.4681, 32.5404 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 16.7243, 21.4681, 32.5404 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

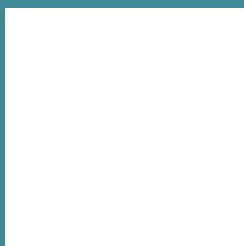
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.7243, 21.4681, 32.5404

Background



This preview shows how black text looks on a background with the XYZ color 16.7243, 21.4681, 32.5404.

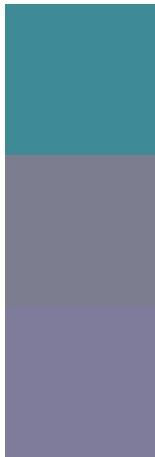


This preview shows how white text looks on a background with the XYZ color 16.7243, 21.4681,

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

16.7243, 21.4681, 32.5404

Protanopia

20.7310, 21.1900, 28.9840

Deuteranopia

21.6446, 21.1840, 33.5200



Tritanopia

16.4999, 21.3710, 31.6892

Trichromacy



Original Color

16.7243, 21.4681, 32.5404

Protanomaly

18.6504, 20.8654, 30.2386

Deuteranomaly

19.1935, 20.8840, 33.1564

Tritanomaly

16.5801, 21.4031, 32.1115

Monochromacy



Original Color

16.7243, 21.4681, 32.5404

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.2258, 18.7936, 23.5412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7243, 21.4681, 32.5404 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(63, 138, 151)` looks like.

```
.text, #text, p{  
    color:rgb(63, 138, 151)  
}
```

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(63, 138, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 138, 151) }
```

Border

The CSS property to change the border of an element to XYZ 16.7243, 21.4681, 32.5404 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(63, 138, 151) }
```


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

```
.border{ border-color:rgb(63, 138, 151) }
```

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

Here you see how a box with a 4 pixel rgb(63, 138, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 138, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 138, 151);  
box-shadow:4px 4px 4px 4px rgb(63, 138,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7243, 21.4681, 32.5404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 138, 151) }
```

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

```
.background{ background-color: rgb(63, 138,  
151) }
```

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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