

Converting Colors

XYZ(17.5740, 21.9155, 32.1580)

Have a look what the booklet for
XYZ(17.5740, 21.9155, 32.1580)
contains.

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Color

**XYZ(17.5740, 21.9155,
32.1580)**

Conversions

Conversions Part 1

Format	Color
Hex	4C8A96
RGB	76, 138, 150
RGB Percent	30%, 54%, 59%
CMY	0.7019, 0.4588, 0.4118
CMYK	0.49, 0.08, 0.00, 0.41
HSL	190°, 33%, 44%
HSV	190°, 49%, 59%
XYZ	17.5740, 21.9155, 32.1580
YIQ	120.8300, -40.8040, -9.4120

Conversions

Conversions Part 2

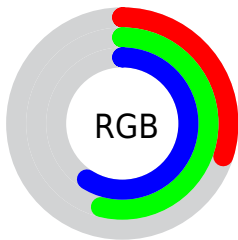
Format	Color
RYB	76, 110, 150
Decimal	5016214
CIELab	53.94, -16.61, -12.61
CIElCh	54, 20.850, 217.211
Yxy	21.9155, 0.2453, 0.3059
Android (android.graphics.Color)	4283206294 (0xFF4C8A96)
YUV	120.8300, 14.3808, -39.3159
Hunter-Lab	46.8140, -14.9155, -7.9584

Details

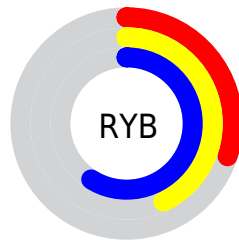
The XYZ color **17.5740, 21.9155, 32.1580** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.3723, 13.9857, 8.6220**, and the grayscale version is **18.0842, 19.0260, 20.7193**.

A 20% lighter version of the original color is **38.9546, 46.8047, 64.1078**, and **5.9555, 7.9905, 13.0328** is the 20% darker color. If you saturate the color by 10%, you get **16.1735, 20.6818, 31.9941**, and if you desaturate by 10%, it is **19.2615, 23.3098, 32.3386**.

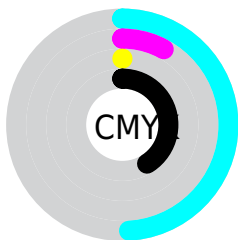
Distribution



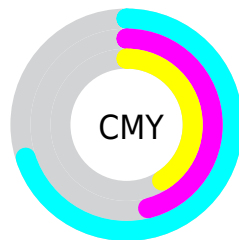
- Red (30%)
- Green (54%)
- Blue (59%)



- Red (30%)
- Yellow (43%)
- Blue (59%)



- Cyan (49%)
- Magenta (8%)
- Yellow (0%)
- Black (41%)



- Cyan (70%)
- Magenta (46%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5740, 21.9155, 32.1580 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 17.5740, 21.9155, 32.1580 by changing the saturation by 10% instead.

■ 17.5740, 21.9155,
32.1580

■ 17.5740, 21.9155,
32.1580

231.5511,
262.1047, 326.3532

■ 10.7424, 13.7948,
21.2164

■ 38.8459, 46.6063,
64.1595

■ 5.9599, 7.9781,
13.0895

■ 54.0169, 63.9452,
86.0564

■ 2.8611, 4.0809,
7.3587

■ 72.6984, 85.1257,
112.4423

■ 1.0808, 1.7189,
3.6056

■ 95.2558, 110.5320,
143.7355

■ 0.0089, 0.4359,
1.4116

■ 122.0544,
140.5487, 180.3547

■ 0.0000, 0.0000,
0.1507

153.4596,

■ 0.0000, 0.0000,

175.5601, 222.7183

0.0000

189.8367,
215.9506, 271.2450

■ 17.5740, 21.9155,
32.1580

■ 17.5740, 21.9155,
32.1580

■ 16.1735, 20.6818,
31.9941

■ 19.2615, 23.3098,
32.3386

■ 15.0384, 19.5958,
31.8443

■ 21.2518, 24.8714,
32.5351

■ 14.1471, 18.6471,
31.7081

■ 23.5619, 26.6096,
32.7488

■ 13.4737, 17.8221,
31.5844

■ 26.2068, 28.5322,
32.9805

■ 12.9582, 17.0897,
31.4702

■ 29.2007, 30.6466,
33.2309

■ 12.9249, 17.0417,
31.4627

■ 32.5569, 32.9598,
33.5005

■ 36.2880, 35.4782,
33.7899

■ 40.4060, 38.2083,
34.0998

■ 44.9224, 41.1558,
34.4307

Harmonies

Analogous

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



16.8296, 21.9155, 25.4500



17.5740, 21.9155, 32.1580



19.2004, 21.9155, 37.1899

Triad

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



17.5740, 21.9155, 32.1580



25.0742, 21.9155, 28.9850



20.2922, 21.9155, 13.5682

Complementary

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



17.5740, 21.9155, 32.1580



17.3723, 13.9857, 8.6220

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.



22.5494, 21.9155, 14.1729



17.5740, 21.9155, 32.1580



25.4189, 21.9155, 22.3420

Square

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



17.5740, 21.9155, 32.1580



23.5547, 21.9155, 35.1402



24.4653, 21.9155, 17.1320



18.3240, 21.9155, 15.2994

Rectangle

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



17.5740, 21.9155, 32.1580



20.6204, 21.9155, 38.4838



24.4653, 21.9155, 17.1320



21.0410, 21.9155, 13.5111

Sweetspot

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



17.5747, 21.9163, 32.1585



43.3923, 48.2889, 57.9549



15.6117, 24.0394, 12.8561



9.4248, 10.5614, 12.8266



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.5747, 21.9163, 32.1585



28.3584, 36.3293, 56.4388



13.2276, 13.2222, 30.7095



5.8849, 6.4038, 7.3956



10.7391, 14.1729, 26.1007



0.1486, 0.2079, 0.3252

Inverse Universe

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



19.7501, 13.4885, 25.6083



32.7894, 20.2065, 42.8635



21.1029, 21.4468, 9.8655



5.9953, 5.8932, 7.0816



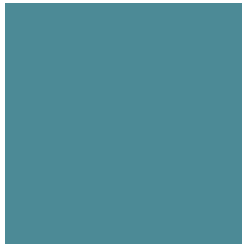
13.5477, 6.6241, 16.8968



0.1745, 0.0845, 0.2525

Previews

White Background



This preview shows how the XYZ color 17.5740, 21.9155, 32.1580 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 17.5740, 21.9155, 32.1580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

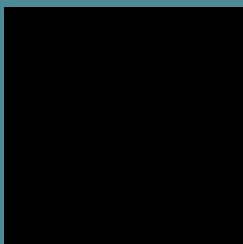
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

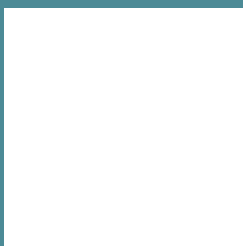
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5740, 21.9155, 32.1580

Background



This preview shows how black text looks on a background with the XYZ color 17.5740, 21.9155, 32.1580.

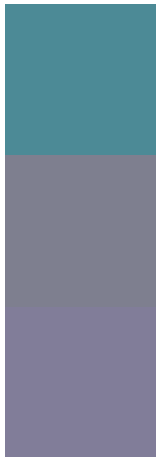


This preview shows how white text looks on a background with the XYZ color 17.5740, 21.9155,

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

17.5740, 21.9155, 32.1580

Protanopia

21.1515, 21.5975, 29.0405

Deuteranopia

22.1366, 21.6343, 33.1461



Tritanopia

17.4938, 21.8834, 31.7357

Trichromacy



Original Color

17.5740, 21.9155, 32.1580

Protanomaly

19.4889, 21.4961, 30.3161

Deuteranomaly

20.0805, 21.5473, 32.8064

Tritanomaly

17.4938, 21.8834, 31.7357

Monochromacy



Original Color

17.5740, 21.9155, 32.1580

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.5799, 19.8479, 24.7343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5740, 21.9155, 32.1580 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(76, 138, 150)` looks like.

```
.text, #text, p{  
    color:rgb(76, 138, 150)  
}
```

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(76, 138, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 138, 150) }
```

Border

The CSS property to change the border of an element to XYZ 17.5740, 21.9155, 32.1580 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(76, 138, 150) }
```


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

```
.border{ border-color:rgb(76, 138, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 138, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 138, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 138, 150);  
box-shadow:4px 4px 4px 4px rgb(76, 138,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5740, 21.9155, 32.1580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 138, 150) }
```

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

```
.background{ background-color: rgb(76, 138,  
150) }
```

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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