

Converting Colors

XYZ(17.1200, 21.6680, 27.7065)

Have a look what the booklet for
XYZ(17.1200, 21.6680, 27.7065)
contains.

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Color

**XYZ(17.0855, 21.5492,
27.6850)**

Conversions

Conversions Part 1

Format	Color
Hex	52898B
RGB	82, 137, 139
RGB Percent	32%, 54%, 55%
CMY	0.6784, 0.4627, 0.4549
CMYK	0.41, 0.01, 0.00, 0.45
HSL	182°, 26%, 43%
HSV	182°, 41%, 55%
XYZ	17.0855, 21.5492, 27.6850
YIQ	120.7830, -33.4220, -11.0380

Conversions

Conversions Part 2

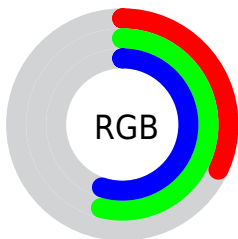
Format	Color
R_{YB}	82, 110, 139
Decimal	5409163
CIE _{Lab}	53.55, -17.58, -6.80
CIE _{LCh}	54, 18.849, 201.142
Y _{xy}	21.5492, 0.2576, 0.3249
Android (android.graphics.Color)	4283599243 (0xFF52898B)
YUV	120.7830, 8.9810, -34.0127
Hunter-Lab	46.4211, -15.5392, -2.8651

Details

The XYZ color **17.0855, 21.5492, 27.6850** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.3411, 12.4391, 9.5755**, and the grayscale version is **18.0841, 19.0259, 20.7192**.

A 20% lighter version of the original color is **38.1369, 46.2183, 56.7802**, and **5.7181, 7.7989, 10.6552** is the 20% darker color. If you saturate the color by 10%, you get **15.9282, 20.8505, 27.6115**, and if you desaturate by 10%, it is **18.4893, 22.3765, 27.7711**.

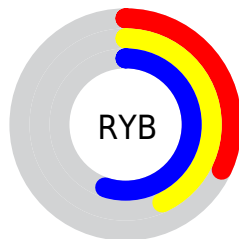
Distribution



Red (32%)

Green (54%)

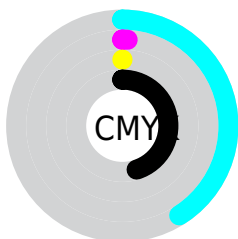
Blue (55%)



Red (32%)

Yellow (43%)

Blue (55%)

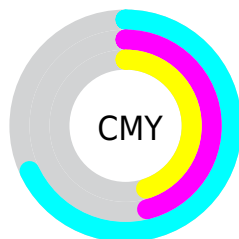


Cyan (41%)

Magenta (1%)

Yellow (0%)

Black (45%)



Cyan (68%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0855, 21.5492, 27.6850 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 17.0855, 21.5492, 27.6850 by changing the saturation by 10% instead.

■ 17.0855, 21.5492,
27.6850

■ 17.0855, 21.5492,
27.6850

228.8113,
260.1830, 304.8231

■ 10.3912, 13.5260,
17.8514

■ 38.0151, 45.9998,
56.9982

■ 5.7233, 7.7918,
10.6750

■ 52.9812, 63.1960,
77.3148

■ 2.7166, 3.9620,
5.7373

■ 71.4351, 84.2187,
101.9628

■ 1.0057, 1.6523,
2.6198

■ 93.7423, 109.4522,
131.3608

■ 0.0000, 0.3925,
0.9027

■ 120.2682,
139.2810, 165.9273

■ 0.0000, 0.0000,
0.0000

151.3781,

174.0895, 206.0808

187.4373,
214.2620, 252.2399

■ 17.0855, 21.5492,
27.6850

■ 17.0855, 21.5492,
27.6850

■ 15.9282, 20.8505,
27.6115

■ 18.4893, 22.3765,
27.7711

■ 15.0005, 20.2701,
27.5484

■ 20.1513, 23.3368,
27.8688

■ 14.2867, 19.8004,
27.4953


■ 22.0848, 24.4376,
27.9794


■ 13.7680, 19.4317,
27.4515


■ 24.3015, 25.6849,
28.1033


■ 13.4225, 19.1529,
27.4159


■ 26.8126, 27.0843,
28.2411

 13.2029, 18.9495,
27.3882

 29.6286, 28.6415,
28.3932

 32.7595, 30.3614,
28.5602

 36.2147, 32.2490,
28.7424

 40.0035, 34.3090,
28.9403

Harmonies

Analogous

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



16.8966, 21.5492, 21.8005



17.0855, 21.5492, 27.6850



18.1522, 21.5492, 33.1777

Triad

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



17.0855, 21.5492, 27.6850



23.6402, 21.5492, 31.1128



21.0826, 21.5492, 14.1405

Complementary

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



17.0855, 21.5492, 27.6850



15.3411, 12.4391, 9.5755

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.



23.0028, 21.5492, 15.8586



17.0855, 21.5492, 27.6850



24.5415, 21.5492, 25.2088

Square

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



17.0855, 21.5492, 27.6850



21.9073, 21.5492, 35.3709



24.3009, 21.5492, 19.6944



19.1197, 21.5492, 14.5822

Rectangle

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



17.0855, 21.5492, 27.6850



19.2583, 21.5492, 35.5696



24.3009, 21.5492, 19.6944



21.7562, 21.5492, 14.4726

Sweetspot

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



17.0861, 21.5500, 27.6855



39.0875, 43.5014, 50.0794



14.3090, 20.8980, 11.6470



8.9142, 9.9713, 11.5343



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.



17.0861, 21.5500, 27.6855



28.7012, 37.4475, 49.4584



13.5664, 14.5105, 26.5122



5.1581, 5.6591, 6.4263



11.9188, 17.1079, 24.7197



0.0814, 0.1180, 0.1649

Inverse Universe

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



18.1806, 13.3302, 25.2826



30.9539, 20.7543, 44.4621



18.0093, 17.7754, 10.4649



5.2264, 5.1260, 6.2807



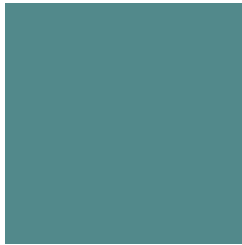
13.5029, 6.5113, 20.9501



0.0908, 0.0437, 0.1450

Previews

White Background



This preview shows how the XYZ color 17.0855, 21.5492, 27.6850 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 17.0855, 21.5492, 27.6850 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

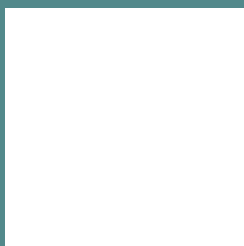
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0855, 21.5492, 27.6850

Background



This preview shows how black text looks on a background with the XYZ color 17.0855, 21.5492, 27.6850.

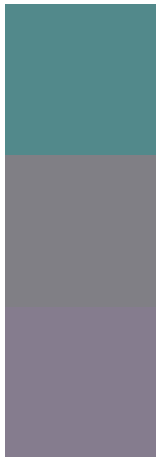


This preview shows how white text looks on a background with the XYZ color 17.0855, 21.5492,

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

17.0855, 21.5492, 27.6850

Protanopia

20.7251, 21.4614, 25.2404

Deuteranopia

21.7630, 21.3548, 28.5660



Tritanopia

17.7268, 21.5997, 30.8386

Trichromacy



Original Color

17.0855, 21.5492, 27.6850

Protanomaly

19.0450, 21.3614, 26.0410

Deuteranomaly

19.5974, 21.2010, 28.2586

Tritanomaly

17.4055, 21.4609, 29.6106

Monochromacy



Original Color

17.0855, 21.5492, 27.6850

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.5491, 19.8631, 23.3311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0855, 21.5492, 27.6850 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(82, 137, 139)` looks like.

```
.text, #text, p{  
    color:rgb(82, 137, 139)  
}
```

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(82, 137, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 137, 139) }
```

Border

The CSS property to change the border of an element to XYZ 17.0855, 21.5492, 27.6850 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(82, 137, 139) }
```


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

```
.border{ border-color:rgb(82, 137, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 137, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 137, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 137, 139);  
box-shadow:4px 4px 4px 4px rgb(82, 137,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0855, 21.5492, 27.6850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 137, 139) }
```

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

```
.background{ background-color: rgb(82, 137,  
139) }
```

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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