

Converting Colors

XYZ(17.3957, 22.6116, 26.0032)

Have a look what the booklet for
XYZ(17.3957, 22.6116, 26.0032)
contains.

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Color

**XYZ(17.3952, 22.6100,
26.0016)**

Conversions

Conversions Part 1

Format	Color
Hex	538D86
RGB	83, 141, 134
RGB Percent	33%, 55%, 53%
CMY	0.6745, 0.4470, 0.4745
CMYK	0.41, 0.00, 0.05, 0.45
HSL	173°, 26%, 44%
HSV	173°, 41%, 55%
XYZ	17.3952, 22.6100, 26.0016
YIQ	122.8600, -32.3210, -14.4730

Conversions

Conversions Part 2

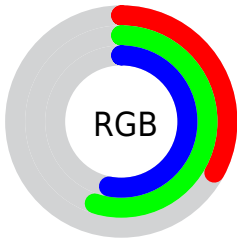
Format	Color
R_{YB}	83, 114, 141
Decimal	5475718
CIE _{Lab}	54.67, -20.73, -2.24
CIE _{LCh}	55, 20.846, 186.170
Yxy	22.6100, 0.2635, 0.3425
Android (android.graphics.Color)	4283665798 (0xFF538D86)
YUV	122.8600, 5.4920, -34.9572
Hunter-Lab	47.5500, -17.9118, 0.8636

Details

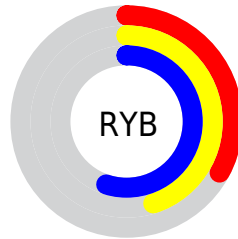
The XYZ color **17.3952, 22.6100, 26.0016** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.9240, 12.5880, 11.2640**, and the grayscale version is **18.7712, 19.7488, 21.5064**.

A 20% lighter version of the original color is **38.6381, 47.8523, 54.2137**, and **5.9459, 8.4294, 9.9080** is the 20% darker color. If you saturate the color by 10%, you get **16.1579, 21.9863, 25.3294**, and if you desaturate by 10%, it is **18.8888, 23.3667, 26.6968**.

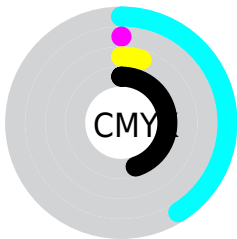
Distribution



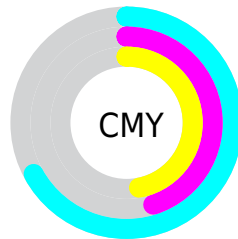
- Red (33%)
- Green (55%)
- Blue (53%)



- Red (33%)
- Yellow (45%)
- Blue (55%)



- Cyan (41%)
- Magenta (0%)
- Yellow (5%)
- Black (45%)



- Cyan (67%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3952, 22.6100, 26.0016 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 17.3952, 22.6100, 26.0016 by changing the saturation by 10% instead.

■ 17.3952, 22.6100,
26.0016

■ 17.3952, 22.6100,
26.0016

■ 230.5517,
265.7155, 296.3957

■ 10.6137, 14.3058,
16.5991

■ 38.5422, 47.7521,
54.2616

■ 5.8731, 8.3337,
9.7901

■ 53.6385, 65.3589,
73.9562

■ 2.8080, 4.3092,
5.1562

■ 72.2370, 86.8353,
97.9186

■ 1.0531, 1.8480,
2.2789

■ 94.7033, 112.5657,
126.5672

■ 0.0000, 0.5168,
0.7194

■ 121.4025,
142.9345, 160.3207

■ 0.0000, 0.0000,
0.0000

152.7001,

178.3262, 199.5976

188.9614,
219.1250, 244.8164

■ 17.3952, 22.6100,
26.0016

■ 17.3952, 22.6100,
26.0016

■ 16.1579, 21.9863,
25.3294

■ 18.8888, 23.3667,
26.6968

■ 15.1594, 21.4850,
24.6778

■ 20.6508, 24.2610,
27.4141

■ 14.3833, 21.0980,
24.0464

■ 22.6950, 25.3006,
28.1546

■ 13.8101, 20.8155,
23.4344

■ 25.0337, 26.4917,
28.9191

■ 13.4171, 20.6256,
22.8407

■ 27.6783, 27.8403,
29.7080

■ 13.1622, 20.5053,
22.3268

■ 30.6398, 29.3521,
30.5220

■ 33.9285, 31.0323,
31.3615

■ 37.5543, 32.8861,
32.2271

■ 41.5268, 34.9183,
33.1192

Harmonies

Analogous

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



17.7015, 22.6100, 19.8578



17.3952, 22.6100, 26.0016



18.1214, 22.6100, 32.8544

Triad

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



17.3952, 22.6100, 26.0016



24.2007, 22.6100, 36.2931



23.3225, 22.6100, 14.7742

Complementary

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



17.3952, 22.6100, 26.0016



15.9240, 12.5880, 11.2640

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.



25.2524, 22.6100, 17.8886



17.3952, 22.6100, 26.0016



25.7841, 22.6100, 30.0849

Square

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



17.3952, 22.6100, 26.0016



21.9678, 22.6100, 39.4396



26.1820, 22.6100, 23.2852



21.0194, 22.6100, 14.0713

Rectangle

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



17.3952, 22.6100, 26.0016



19.1261, 22.6100, 36.6777



26.1820, 22.6100, 23.2852



24.0413, 22.6100, 15.5429

Sweetspot

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



17.3959, 22.6109, 26.0021



40.2046, 45.0850, 50.2673



15.3750, 21.8858, 11.5980



8.8860, 10.0221, 11.1945



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.



17.3959, 22.6109, 26.0021



29.1540, 39.4826, 45.4876



15.0601, 17.1317, 27.7134



5.5326, 6.1053, 6.7706



12.0048, 18.6978, 20.3772



0.1199, 0.1808, 0.2217

Inverse Universe

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



15.9240, 12.5880, 11.2640



26.1659, 19.0914, 15.5351



17.5238, 16.2423, 10.3954



5.4337, 5.4340, 5.7820



10.1117, 5.2017, 0.9737



0.1008, 0.0514, 0.0311

Previews

White Background



This preview shows how the XYZ color 17.3952, 22.6100, 26.0016 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 17.3952, 22.6100, 26.0016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

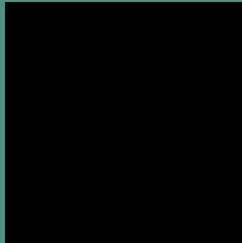
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.3952, 22.6100, 26.0016

Background



This preview shows how black text looks on a background with the XYZ color 17.3952, 22.6100, 26.0016.



This preview shows how white text looks on a background with the XYZ color 17.3952, 22.6100,

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

17.3952, 22.6100, 26.0016

Protanopia

21.4863, 22.4841, 23.2861

Deuteranopia

22.7914, 22.3033, 26.7706



Tritanopia

18.6681, 22.6935, 32.2505

Trichromacy



Original Color

17.3952, 22.6100, 26.0016

Protanomaly

19.6246, 22.3067, 24.3904

Deuteranomaly

20.1680, 21.9321, 26.4629

Tritanomaly

18.2499, 22.7482, 29.8145

Monochromacy



Original Color

17.3952, 22.6100, 26.0016

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.9977, 20.6857, 23.1228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3952, 22.6100, 26.0016 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(83, 141, 134)` looks like.

```
.text, #text, p{  
    color:rgb(83, 141, 134)  
}
```

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(83, 141, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 141, 134) }
```

Border

The CSS property to change the border of an element to XYZ 17.3952, 22.6100, 26.0016 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(83, 141, 134) }
```


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

```
.border{ border-color:rgb(83, 141, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 141, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 141, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 141, 134);  
box-shadow:4px 4px 4px 4px rgb(83, 141,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3952, 22.6100, 26.0016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 141, 134) }
```

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

```
.background{ background-color: rgb(83, 141,  
134) }
```

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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