

Converting Colors

XYZ(17.3045, 22.6257, 23.2294)

Have a look what the booklet for
XYZ(17.3045, 22.6257, 23.2294)
contains.

XYZ(17.3153, 22.6308, 23.1942)	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(17.3153, 22.6308,
23.1942)**

Conversions

Conversions Part 1

Format	Color
Hex	588D7E
RGB	88, 141, 126
RGB Percent	35%, 55%, 49%
CMY	0.6549, 0.4470, 0.5059
CMYK	0.38, 0.00, 0.11, 0.45
HSL	163°, 23%, 45%
HSV	163°, 38%, 55%
XYZ	17.3153, 22.6308, 23.1942
YIQ	123.4430, -26.7730, -15.9010

Conversions

Conversions Part 2

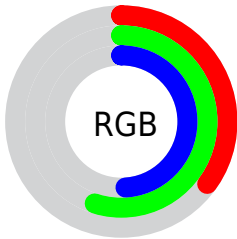
Format	Color
R_{YB}	88, 119, 141
Decimal	5803390
CIE _{Lab}	54.69, -21.25, 2.43
CIE _{LCh}	55, 21.393, 173.468
Yxy	22.6308, 0.2742, 0.3584
Android (android.graphics.Color)	4283993470 (0xFF588D7E)
YUV	123.4430, 1.2606, -31.0835
Hunter-Lab	47.5718, -18.2799, 4.3928

Details

The XYZ color **17.3153, 22.6308, 23.1942** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.9232, 13.6221, 14.5704**, and the grayscale version is **18.9760, 19.9642, 21.7410**.

A 20% lighter version of the original color is **38.4670, 47.8603, 49.8584**, and **5.8800, 8.4301, 8.3384** is the 20% darker color. If you saturate the color by 10%, you get **15.8552, 21.9079, 21.8086**, and if you desaturate by 10%, it is **19.0451, 23.4928, 24.6471**.

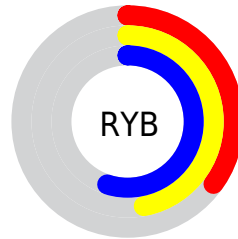
Distribution



Red (35%)

Green (55%)

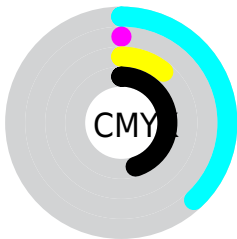
Blue (49%)



Red (35%)

Yellow (47%)

Blue (55%)

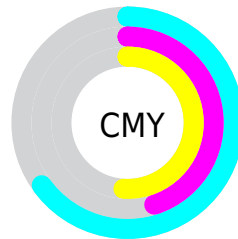


Cyan (38%)

Magenta (0%)

Yellow (11%)

Black (45%)



Cyan (65%)

Magenta (45%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3153, 22.6308, 23.1942 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 17.3153, 22.6308, 23.1942 by changing the saturation by 10% instead.

■ 17.3153, 22.6308,
23.1942

■ 17.3153, 22.6308,
23.1942

230.1039,
265.8230, 281.8751

■ 10.5562, 14.3211,
14.5303

■ 38.4064, 47.7864,
49.6392

■ 5.8344, 8.3444,
8.3475

■ 53.4691, 65.4011,
68.2575

■ 2.7843, 4.3161,
4.2271

■ 72.0305, 86.8863,
91.0309

■ 1.0408, 1.8519,
1.7508

■ 94.4558, 112.6263,
118.3781

■ 0.0000, 0.5192,
0.3952

■ 121.1105,
143.0056, 150.7176

■ 0.0000, 0.0000,
0.0000

152.3598,

178.4086, 188.4679

188.5691,
219.2196, 232.0475

■ 17.3153, 22.6308,
23.1942

■ 17.3153, 22.6308,
23.1942

■ 15.8552, 21.9079,
21.8086

■ 19.0451, 23.4928,
24.6471

■ 14.6479, 21.3135,
20.4873

■ 21.0566, 24.4982,
26.1669

■ 13.6774, 20.8400,
19.2296

■ 23.3633, 25.6546,
27.7554

■ 12.9251, 20.4778,
18.0338

■ 25.9773, 26.9681,
29.4137

■ 12.3694, 20.2159,
16.8983

■ 28.9100, 28.4447,
31.1429

■ 11.9688, 20.0329,
15.8205

■ 32.1721, 30.0900,
32.9442

■ 11.8787, 19.9919,
15.5684

■ 35.7740, 31.9091,
34.8185

■ 39.7256, 33.9071,
36.7668

■ 44.0361, 36.0890,
38.7902

Harmonies

Analogous

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



18.0709, 22.6308, 17.6960



17.3153, 22.6308, 23.1942



17.6159, 22.6308, 30.1780

Triad

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



17.3153, 22.6308, 23.1942



23.3651, 22.6308, 38.5626



24.3212, 22.6308, 15.6163

Complementary

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



17.3153, 22.6308, 23.1942



16.9232, 13.6221, 14.5704

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.



25.9392, 22.6308, 19.8266



17.3153, 22.6308, 23.1942



25.3596, 22.6308, 33.2004

Square

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



17.3153, 22.6308, 23.1942



20.9986, 22.6308, 39.9112



26.3325, 22.6308, 26.1469



22.0295, 22.6308, 13.8672

Rectangle

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



17.3153, 22.6308, 23.1942



18.3864, 22.6308, 34.6889



26.3325, 22.6308, 26.1469



24.9685, 22.6308, 16.7491

Sweetspot

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



17.3159, 22.6317, 23.1947



40.2688, 45.1539, 48.6514



16.8825, 22.6398, 12.7131



8.8858, 10.0309, 10.7923



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.



17.3159, 22.6317, 23.1947



28.7861, 39.4262, 39.4491



16.7515, 19.8356, 28.1461



5.4960, 6.0906, 6.5781



10.8377, 18.2310, 14.2316



0.1131, 0.1781, 0.1859

Inverse Universe

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



16.9232, 13.6221, 14.5704



27.9845, 20.9090, 21.7510



17.2545, 15.3836, 11.2929



5.4677, 5.4476, 5.9611



10.3698, 5.3049, 2.3327



0.1076, 0.0541, 0.0670

Previews

White Background



This preview shows how the XYZ color 17.3153, 22.6308, 23.1942 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 17.3153, 22.6308, 23.1942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

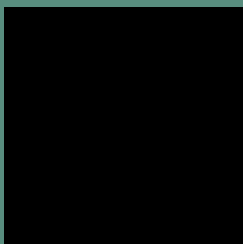
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

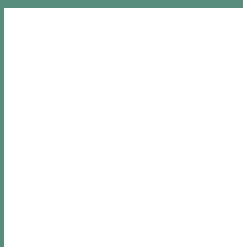
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3153, 22.6308, 23.1942

Background



This preview shows how black text looks on a background with the XYZ color 17.3153, 22.6308, 23.1942.



This preview shows how white text looks on a background with the XYZ color 17.3153, 22.6308,

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

17.3153, 22.6308, 23.1942

Protanopia

21.3645, 22.4722, 20.9808

Deuteranopia

22.7510, 22.3463, 23.8830



Tritanopia

19.1294, 22.7266, 31.8122

Trichromacy



Original Color

17.3153, 22.6308, 23.1942

Protanomaly

19.5092, 22.3069, 21.6898

Deuteranomaly

20.1810, 22.0021, 23.6052

Tritanomaly

18.4540, 22.6636, 28.6012

Monochromacy



Original Color

17.3153, 22.6308, 23.1942

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.0511, 20.7355, 22.1197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3153, 22.6308, 23.1942 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(88, 141, 126)` looks like.

```
.text, #text, p{  
    color:rgb(88, 141, 126)  
}
```

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(88, 141, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 141, 126) }
```

Border

The CSS property to change the border of an element to XYZ 17.3153, 22.6308, 23.1942 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(88, 141, 126) }
```


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

```
.border{ border-color:rgb(88, 141, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 141, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 141, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 141, 126);  
box-shadow:4px 4px 4px 4px rgb(88, 141,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3153, 22.6308, 23.1942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 141, 126) }
```

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

```
.background{ background-color: rgb(88, 141,  
126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor