

Converting Colors

XYZ(27.6346, 36.9334, 31.5152)

Have a look what the booklet for
XYZ(27.6346, 36.9334, 31.5152)
contains.

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Color

**XYZ(27.7503, 37.0723,
31.6797)**

Conversions

Conversions Part 1

Format	Color
Hex	73B18F
RGB	115, 177, 143
RGB Percent	45%, 69%, 56%
CMY	0.5490, 0.3059, 0.4392
CMYK	0.35, 0.00, 0.19, 0.31
HSL	147°, 28%, 57%
HSV	147°, 35%, 69%
XYZ	27.7503, 37.0723, 31.6797
YIQ	154.5860, -26.0380, -23.7180

Conversions

Conversions Part 2

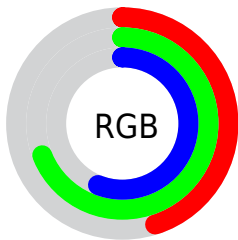
Format	Color
RYB	115, 158, 177
Decimal	7582095
CIELab	67.33, -27.49, 11.15
CIELCh	67, 29.660, 157.923
Yxy	37.0723, 0.2876, 0.3842
Android (android.graphics.Color)	4285772175 (0xFF73B18F)
YUV	154.5860, -5.7119, -34.7169
Hunter-Lab	60.8870, -25.1979, 11.7722

Details

The XYZ color **27.7503, 37.0723, 31.6797** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **29.6883, 23.7794, 31.4603**, and the grayscale version is **31.0063, 32.6210, 35.5243**.

A 20% lighter version of the original color is **55.5791, 70.7441, 63.5490**, and **11.2333, 16.2624, 12.9028** is the 20% darker color. If you saturate the color by 10%, you get **24.9388, 35.7052, 27.8746**, and if you desaturate by 10%, it is **31.0744, 38.6983, 35.8426**.

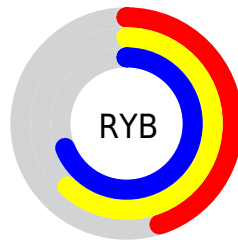
Distribution



Red (45%)

Green (69%)

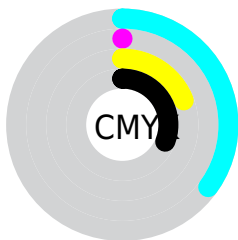
Blue (56%)



Red (45%)

Yellow (62%)

Blue (69%)

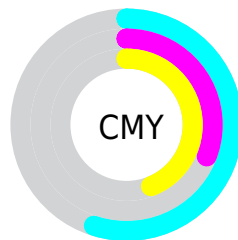


Cyan (35%)

Magenta (0%)

Yellow (19%)

Black (31%)



Cyan (55%)

Magenta (31%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7503, 37.0723, 31.6797 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 27.7503, 37.0723, 31.6797 by changing the saturation by 10% instead.

■ 27.7503, 37.0723,
31.6797

■ 27.7503, 37.0723,
31.6797

283.3736,
333.6234, 324.1052

■ 18.2770, 25.2635,
20.8542

■ 55.4970, 70.6840,
63.4007

■ 11.2499, 16.2735,
12.8272

■ 74.5011, 93.2556,
85.1332

■ 6.3037, 9.7179,
7.1804

■ 97.4128, 120.1836,
111.3385

■ 3.0730, 5.2123,
3.4950

124.5975,
151.8524, 142.4351

■ 1.1925, 2.3724,
1.3526

156.4206,
188.6464, 178.8415

■ 0.1004, 0.8116,
0.1043

193.2474,

■ 0.0000, 0.0000,

230.9500, 220.9763

0.0000

235.4433,
279.1475, 269.2581

■ 27.7503, 37.0723,
31.6797

■ 27.7503, 37.0723,
31.6797

■ 24.9388, 35.7052,
27.8746

■ 31.0744, 38.6983,
35.8426

■ 22.6096, 34.5786,
24.4151

■ 34.9332, 40.5914,
40.3700

■ 20.7337, 33.6788,
21.2919


■ 39.3513, 42.7650,
45.2717


■ 19.2777, 32.9886,
18.4945


■ 44.3505, 45.2304,
50.5563


■ 18.2031, 32.4885,
16.0114


■ 49.9518, 47.9982,
56.2319


 17.4632, 32.1545,
13.8305

 56.1749, 51.0783,
62.3066

 17.1684, 32.0239,
12.8531

 63.0386, 54.4803,
68.7883

 69.9683, 57.9078,
75.6566

 71.2969, 58.4393,
82.6530

Harmonies

Analogous

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



30.1389, 37.0723, 23.6823



27.7503, 37.0723, 31.6797



27.2783, 37.0723, 43.9105

Triad

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



27.7503, 37.0723, 31.6797



36.4531, 37.0723, 70.5339



42.5801, 37.0723, 26.8678

Complementary

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



27.7503, 37.0723, 31.6797



29.6883, 23.7794, 31.4603

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.



44.6082, 37.0723, 37.0165



27.7503, 37.0723, 31.6797



40.8779, 37.0723, 63.4714

Square

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



27.7503, 37.0723, 31.6797



32.0561, 37.0723, 68.2462



43.9599, 37.0723, 50.5092



38.6198, 37.0723, 21.3483

Rectangle

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



27.7503, 37.0723, 31.6797



28.0724, 37.0723, 53.2405



43.9599, 37.0723, 50.5092



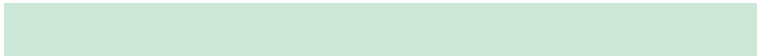
43.5253, 37.0723, 29.7539

Sweetspot

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



27.7513, 37.0738, 31.6805



65.4798, 74.1292, 75.5898



31.2306, 39.0827, 22.1178



13.9705, 15.9568, 16.1350



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.7513, 37.0738, 31.6805



45.7480, 64.4712, 51.4399



30.4238, 38.1428, 45.7538



8.5432, 9.5518, 9.8541



12.4684, 23.2133, 9.4691



0.4219, 0.7422, 0.4535

Inverse Universe

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



29.6883, 23.7794, 31.4603



49.7353, 37.0895, 50.9755



27.5392, 22.9198, 20.1437



8.6848, 8.5806, 9.8386



14.7334, 7.4109, 9.0220



0.4925, 0.2447, 0.4362

Previews

White Background



This preview shows how the XYZ color 27.7503, 37.0723, 31.6797 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 27.7503, 37.0723, 31.6797 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 ✓ Pass

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

XYZ 27.7503, 37.0723, 31.6797

Background



This preview shows how black text looks on a background with the XYZ color 27.7503, 37.0723, 31.6797.

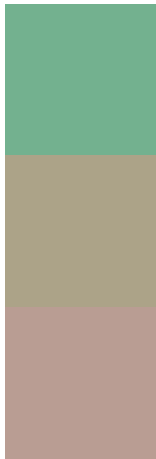


This preview shows how white text looks on a background with the XYZ color 27.7503, 37.0723,

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

27.7503, 37.0723, 31.6797

Protanopia

34.5544, 36.7426, 28.5634

Deuteranopia

37.3310, 36.5348, 32.6881



Tritanopia

31.6320, 36.9137, 51.3568

Trichromacy



Original Color

27.7503, 37.0723, 31.6797

Protanomaly

31.4253, 36.4487, 29.8051

Deuteranomaly

32.9610, 36.0998, 32.4249

Tritanomaly

30.0844, 36.8544, 43.5582

Monochromacy



Original Color

27.7503, 37.0723, 31.6797

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.4983, 34.0042, 34.2869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7503, 37.0723, 31.6797 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(115, 177, 143)` looks like.

```
.text, #text, p{  
    color:rgb(115, 177, 143)  
}
```

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(115, 177, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 177, 143) }
```

Border

The CSS property to change the border of an element to XYZ 27.7503, 37.0723, 31.6797 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(115, 177, 143) }
```


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

```
.border{ border-color:rgb(115, 177, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 177, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 177, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 177, 143);  
box-shadow:4px 4px 4px 4px rgb(115, 177,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7503, 37.0723, 31.6797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 177, 143) }
```

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

```
.background{ background-color: rgb(115,  
177, 143) }
```

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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