

Converting Colors

XYZ(22.3699, 27.7398, 18.2520)

Have a look what the booklet for
XYZ(22.3699, 27.7398, 18.2520)
contains.

XYZ(22.3776, 27.6515, 18.3452)	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(22.3776, 27.6515,
18.3452)**

Conversions

Conversions Part 1

Format	Color
Hex	7E976C
RGB	126, 151, 108
RGB Percent	49%, 59%, 42%
CMY	0.5059, 0.4078, 0.5765
CMYK	0.17, 0.00, 0.28, 0.41
HSL	95°, 17%, 51%
HSV	95°, 28%, 59%
XYZ	22.3776, 27.6515, 18.3452
YIQ	138.6230, -1.0970, -18.6730

Conversions

Conversions Part 2

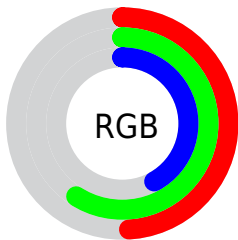
Format	Color
RYB	108, 151, 133
Decimal	8296300
CIELab	59.57, -17.00, 19.83
CIElCh	60, 26.124, 130.604
Yxy	27.6515, 0.3273, 0.4044
Android (android.graphics.Color)	4286486380 (0xFF7E976C)
YUV	138.6230, -15.0971, -11.0704
Hunter-Lab	52.5847, -16.0619, 16.1248

Details

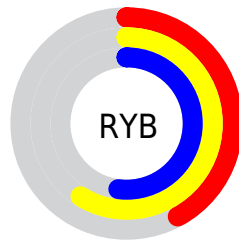
The XYZ color **22.3776, 27.6515, 18.3452** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.6223, 17.9467, 31.6567**, and the grayscale version is **24.4528, 25.7262, 28.0158**.

A 20% lighter version of the original color is **46.7669, 55.7844, 41.5603**, and **8.3533, 10.9771, 5.9535** is the 20% darker color. If you saturate the color by 10%, you get **20.4044, 26.7201, 14.4150**, and if you desaturate by 10%, it is **24.6051, 28.6996, 23.0151**.

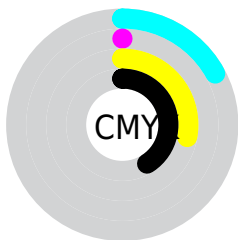
Distribution



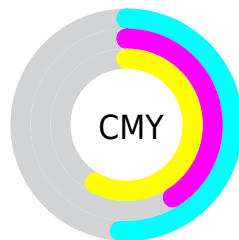
- Red (49%)
- Green (59%)
- Blue (42%)



- Red (42%)
- Yellow (59%)
- Blue (52%)



- Cyan (17%)
- Magenta (0%)
- Yellow (28%)
- Black (41%)



- Cyan (51%)
- Magenta (41%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3776, 27.6515, 18.3452 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 22.3776, 27.6515, 18.3452 by changing the saturation by 10% instead.

■ 22.3776, 27.6515,
18.3452

■ 22.3776, 27.6515,
18.3452

257.1074,
290.7979, 255.1108

■ 14.2528, 18.0631,
11.0261

■ 46.8435, 55.9276,
41.4465

■ 8.3796, 10.9953,
5.9700

■ 63.9153, 75.3840,
58.0658

■ 4.3926, 6.0637,
2.7584

■ 84.7002, 98.8987,
78.6223

■ 1.9266, 2.8838,
0.9726

■ 109.5634,
126.8558, 103.5344

■ 0.5922, 1.0714,
0.0000

138.8704,
159.6399, 133.2208

■ 0.0000, 0.0000,
0.0000

172.9865,

197.6354, 168.1000

212.2770,
241.2266, 208.5904

■ 22.3776, 27.6515,
18.3452

■ 22.3776, 27.6515,
18.3452

■ 20.4044, 26.7201,
14.4150

■ 24.6051, 28.6996,
23.0151

■ 18.6733, 25.8974,
11.1848

■ 27.0942, 29.8649,
28.4580

■ 17.1742, 25.1799,
8.6139

■ 29.8546, 31.1524,
34.7076

■ 15.8952, 24.5625,
6.6565

■ 32.8947, 32.5660,
41.7949

■ 14.8233, 24.0397,
5.2612

■ 36.2227, 34.1090,
49.7493

■ 13.9437, 23.6051,
4.3682

■ 39.8462, 35.7849,
58.5988

■ 13.2296, 23.2476,
3.8560

■ 43.7728, 37.5969,
68.3700

■ 13.1302, 23.1978,
3.7856

■ 48.0097, 39.5482,
79.0885

■ 52.5636, 41.6418,
90.7791

Harmonies

Analogous

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



25.1354, 27.6515, 15.5849



22.3776, 27.6515, 18.3452



20.7573, 27.6515, 24.4851

Triad

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



22.3776, 27.6515, 18.3452



24.2374, 27.6515, 50.6237



33.0001, 27.6515, 26.8968

Complementary

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



22.3776, 27.6515, 18.3452



20.6223, 17.9467, 31.6567

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.



32.7090, 27.6515, 36.5313



22.3776, 27.6515, 18.3452



27.4628, 27.6515, 51.6466

Square

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



22.3776, 27.6515, 18.3452



21.7674, 27.6515, 43.4988



30.6159, 27.6515, 46.0563



31.3811, 27.6515, 19.7927

Rectangle

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



22.3776, 27.6515, 18.3452



20.4524, 27.6515, 30.2990



30.6159, 27.6515, 46.0563



33.1256, 27.6515, 29.9174

Sweetspot

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



22.3783, 27.6527, 18.3458



48.1912, 53.3282, 50.2310



23.7714, 24.2652, 17.6185



10.8105, 12.0541, 11.1007



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.3783, 27.6527, 18.3458



37.8300, 48.4607, 28.3354



20.1136, 26.4673, 19.0495



6.3649, 7.0456, 6.6303



11.2009, 19.7501, 3.2218



0.2076, 0.3159, 0.0500

Inverse Universe

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



20.6223, 17.9467, 31.6567



34.1671, 28.2276, 56.0813



23.4819, 19.4475, 30.5897



6.2111, 6.1947, 7.7973



8.1923, 3.6743, 25.1851



0.1638, 0.0763, 0.3785

Previews

White Background



This preview shows how the XYZ color 22.3776, 27.6515, 18.3452 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 22.3776, 27.6515, 18.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

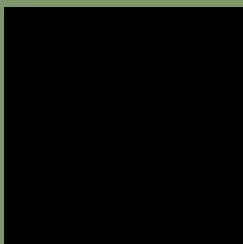
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.3776, 27.6515, 18.3452

Background



This preview shows how black text looks on a background with the XYZ color 22.3776, 27.6515, 18.3452.



This preview shows how white text looks on a background with the XYZ color 22.3776, 27.6515,

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

22.3776, 27.6515, 18.3452

Protanopia

25.6476, 27.5144, 17.0557

Deuteranopia

27.9634, 27.3638, 18.8468



Tritanopia

25.7990, 27.6376, 35.4273

Trichromacy



Original Color

22.3776, 27.6515, 18.3452

Protanomaly

24.3303, 27.5070, 17.3916

Deuteranomaly

25.6243, 27.2441, 18.6599

Tritanomaly

24.2998, 27.4773, 28.4490

Monochromacy



Original Color

22.3776, 27.6515, 18.3452

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.5503, 26.2718, 24.2518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3776, 27.6515, 18.3452 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(126, 151, 108)` looks like.

```
.text, #text, p{  
    color:rgb(126, 151, 108)  
}
```

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(126, 151, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 151, 108) }
```

Border

The CSS property to change the border of an element to XYZ 22.3776, 27.6515, 18.3452 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(126, 151, 108) }
```


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

```
.border{ border-color:rgb(126, 151, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 151, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 151, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 151, 108);  
box-shadow:4px 4px 4px 4px rgb(126, 151,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3776, 27.6515, 18.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 151, 108) }
```

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

```
.background{ background-color: rgb(126,  
151, 108) }
```

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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