

Converting Colors

XYZ(22.1472, 27.3953, 40.8030)

Have a look what the booklet for
XYZ(22.1472, 27.3953, 40.8030)
contains.

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Color

**XYZ(22.0410, 27.2249,
40.6525)**

Conversions

Conversions Part 1

Format	Color
Hex	5698A7
RGB	86, 152, 167
RGB Percent	34%, 60%, 65%
CMY	0.6627, 0.4039, 0.3451
CMYK	0.49, 0.09, 0.00, 0.35
HSL	191°, 32%, 50%
HSV	191°, 49%, 65%
XYZ	22.0410, 27.2249, 40.6525
YIQ	133.9760, -44.1510, -9.3270

Conversions

Conversions Part 2

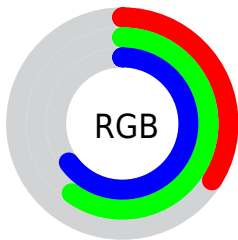
Format	Color
R_{YB}	86, 122, 167
Decimal	5675175
CIE _{Lab}	59.18, -16.87, -14.39
CIE _{LCh}	59, 22.177, 220.457
Y _{xy}	27.2249, 0.2451, 0.3028
Android (android.graphics.Color)	4283865255 (0xFF5698A7)
YUV	133.9760, 16.2808, -42.0750
Hunter-Lab	52.1775, -15.9080, -9.6698

Details

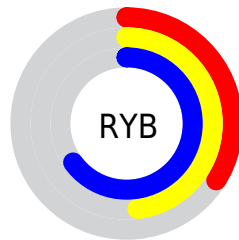
The XYZ color **22.0410, 27.2249, 40.6525** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.2703, 18.1952, 11.1430**, and the grayscale version is **22.6056, 23.7828, 25.8995**.

A 20% lighter version of the original color is **46.2406, 55.0793, 77.3015**, and **8.2002, 10.7782, 17.8679** is the 20% darker color. If you saturate the color by 10%, you get **20.1842, 25.5329, 40.4243**, and if you desaturate by 10%, it is **24.2718, 29.1304, 40.9032**.

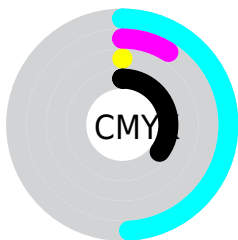
Distribution



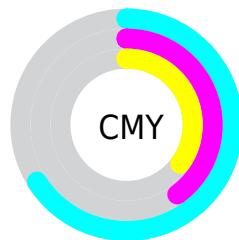
- Red (34%)
- Green (60%)
- Blue (65%)



- Red (34%)
- Yellow (48%)
- Blue (65%)



- Cyan (49%)
- Magenta (9%)
- Yellow (0%)
- Black (35%)



- Cyan (66%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0410, 27.2249, 40.6525 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 22.0410, 27.2249, 40.6525 by changing the saturation by 10% instead.

■ 22.0410, 27.2249,
40.6525

■ 22.0410, 27.2249,
40.6525

255.3887,
288.7444, 364.4997

■ 14.0038, 17.7422,
27.7300

■ 46.2921, 55.2445,
77.4040

■ 8.2050, 10.7651,
17.8850

■ 63.2367, 74.5503,
102.0701

■ 4.2793, 5.9091,
10.6988

■ 83.8812, 97.8992,
131.4879

■ 1.8613, 2.7899,
5.7531

■ 108.5908,
125.6756, 166.0757

■ 0.5542, 1.0230,
2.6292

137.7311,
158.2639, 206.2523

■ 0.0000, 0.0000,
0.9075

171.6672,

■ 0.0000, 0.0000,

196.0486, 252.4362

0.0000

210.7646,
239.4139, 305.0458

■ 22.0410, 27.2249,
40.6525

■ 22.0410, 27.2249,
40.6525

■ 20.1842, 25.5329,
40.4243

■ 24.2718, 29.1304,
40.9032

■ 18.6734, 24.0379,
40.2153

■ 26.8972, 31.2583,
41.1756

■ 17.4806, 22.7259,
40.0250

■ 29.9391, 33.6206,
41.4712

■ 16.5722, 21.5796,
39.8516

■ 33.4171, 36.2276,
41.7911

■ 15.8870, 20.5672,
39.6923

■ 37.3496, 39.0888,
42.1361

■ 15.7902, 20.4201,
39.6690

■ 41.7538, 42.2134,
42.5071

■ 46.6460, 45.6099,
42.9048

■ 52.0418, 49.2863,
43.3301

■ 57.9561, 53.2506,
43.7835

Harmonies

Analogous

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



20.9958, 27.2249, 32.4915



22.0410, 27.2249, 40.6525



24.1397, 27.2249, 46.4177

Triad

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



22.0410, 27.2249, 40.6525



31.2128, 27.2249, 35.0296



24.9241, 27.2249, 17.0573

Complementary

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



22.0410, 27.2249, 40.6525



22.2703, 18.1952, 11.1430

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.



27.6945, 27.2249, 17.4925



22.0410, 27.2249, 40.6525



31.4603, 27.2249, 26.9666

Square

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



22.0410, 27.2249, 40.6525



29.4790, 27.2249, 42.7925



30.1329, 27.2249, 20.8261



22.5800, 27.2249, 19.5081

Rectangle

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



22.0410, 27.2249, 40.6525



25.9189, 27.2249, 47.6090



30.1329, 27.2249, 20.8261



25.8341, 27.2249, 16.8834

Sweetspot

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



22.0418, 27.2259, 40.6531



55.5431, 61.6707, 74.4515



19.9987, 30.5531, 17.1174



12.1570, 13.5946, 16.6354



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



22.0418, 27.2259, 40.6531



35.9840, 45.5712, 72.3749



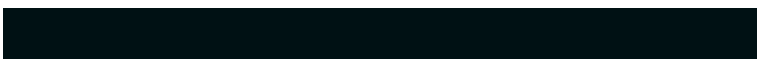
16.5691, 16.2805, 38.8289



7.6277, 8.2923, 9.6169



12.1157, 15.6916, 30.3657



0.3245, 0.4412, 0.7487

Inverse Universe

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



24.9323, 17.1388, 31.7009



41.9634, 26.0729, 53.5489



27.1932, 28.0412, 12.7840



7.7814, 7.6424, 9.1662



15.6161, 7.6551, 18.5875



0.3949, 0.1923, 0.5313

Previews

White Background



This preview shows how the XYZ color 22.0410, 27.2249, 40.6525 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 22.0410, 27.2249, 40.6525 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

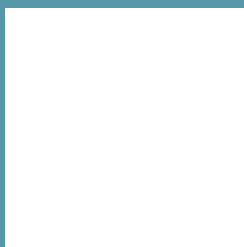
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.0410, 27.2249, 40.6525

Background



This preview shows how black text looks on a background with the XYZ color 22.0410, 27.2249, 40.6525.



This preview shows how white text looks on a background with the XYZ color 22.0410, 27.2249,

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

22.0410, 27.2249, 40.6525

Protanopia

26.5175, 27.0768, 37.0864

Deuteranopia

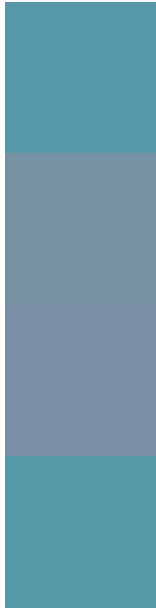
27.6436, 27.1183, 41.8076



Tritanopia

21.7661, 27.1044, 39.6818

Trichromacy



Original Color

22.0410, 27.2249, 40.6525

Protanomaly

24.4820, 26.8882, 38.5499

Deuteranomaly

25.1607, 26.9487, 41.4116

Tritanomaly

21.8575, 27.1409, 40.1631

Monochromacy



Original Color

22.0410, 27.2249, 40.6525

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.0493, 24.9070, 30.8395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0410, 27.2249, 40.6525 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(86, 152, 167)` looks like.

```
.text, #text, p{  
    color:rgb(86, 152, 167)  
}
```

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(86, 152, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 152, 167) }
```

Border

The CSS property to change the border of an element to XYZ 22.0410, 27.2249, 40.6525 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(86, 152, 167) }
```


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

```
.border{ border-color:rgb(86, 152, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 152, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 152, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 152, 167);  
box-shadow:4px 4px 4px 4px rgb(86, 152,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0410, 27.2249, 40.6525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 152, 167) }
```

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

```
.background{ background-color: rgb(86, 152,  
167) }
```

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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