

Converting Colors

XYZ(21.9962, 27.4188, 40.0850)

Have a look what the booklet for
XYZ(21.9962, 27.4188, 40.0850)
contains.

XYZ(22.0205, 27.4669, 40.2174)	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(22.0205, 27.4669,
40.2174)**

Conversions

Conversions Part 1

Format	Color
Hex	5599A6
RGB	85, 153, 166
RGB Percent	33%, 60%, 65%
CMY	0.6666, 0.4000, 0.3490
CMYK	0.49, 0.08, 0.00, 0.35
HSL	190°, 32%, 49%
HSV	190°, 49%, 65%
XYZ	22.0205, 27.4669, 40.2174
YIQ	134.1500, -44.7010, -10.3730

Conversions

Conversions Part 2

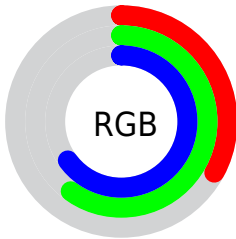
Format	Color
R _Y B	85, 122, 166
Decimal	5609894
CIE Lab	59.40, -17.93, -13.49
CIE LCh	59, 22.437, 216.965
Yxy	27.4669, 0.2455, 0.3062
Android (android.graphics.Color)	4283799974 (0xFF5599A6)
YUV	134.1500, 15.7020, -43.1046
Hunter-Lab	52.4089, -16.7156, -8.8116

Details

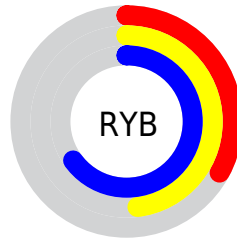
The XYZ color **22.0205, 27.4669, 40.2174** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.7339, 17.4989, 10.8274**, and the grayscale version is **22.6717, 23.8524, 25.9753**.

A 20% lighter version of the original color is **46.1792, 55.4216, 76.6701**, and **8.2146, 10.9373, 17.5977** is the 20% darker color. If you saturate the color by 10%, you get **20.2556, 25.9176, 40.0119**, and if you desaturate by 10%, it is **24.1503, 29.2201, 40.4440**.

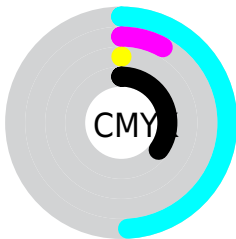
Distribution



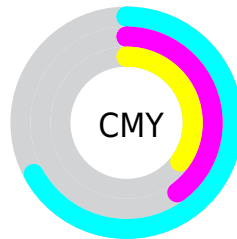
- Red (33%)
- Green (60%)
- Blue (65%)



- Red (33%)
- Yellow (48%)
- Blue (65%)



- Cyan (49%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)



- Cyan (67%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0205, 27.4669, 40.2174 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 22.0205, 27.4669, 40.2174 by changing the saturation by 10% instead.

■ 22.0205, 27.4669,
40.2174

■ 22.0205, 27.4669,
40.2174

255.2837,
289.9107, 362.6183

■ 13.9887, 17.9242,
27.3930

■ 46.2585, 55.6322,
76.7352

■ 8.1944, 10.8956,
17.6336

■ 63.1953, 75.0236,
101.2656

■ 4.2725, 5.9967,
10.5205

■ 83.8312, 98.4666,
130.5352

■ 1.8574, 2.8430,
5.6353

■ 108.5315,
126.3457, 164.9623

■ 0.5519, 1.0503,
2.5595

137.6615,
159.0453, 204.9657

■ 0.0000, 0.0000,
0.8714

171.5866,

■ 0.0000, 0.0000,

196.9497, 250.9638

0.0000

210.6722,
240.4434, 303.3752

■ 22.0205, 27.4669,
40.2174

■ 22.0205, 27.4669,
40.2174

■ 20.2556, 25.9176,
40.0119

■ 24.1503, 29.2201,
40.4440

■ 18.8280, 24.5559,
39.8243

■ 26.6653, 31.1857,
40.6909

■ 17.7101, 23.3681,
39.6539

■ 29.5872, 33.3757,
40.9596

■ 16.8685, 22.3369,
39.4992

■ 32.9352, 35.8002,
41.2511

■ 16.2398, 21.4296,
39.3572

■ 36.7274, 38.4684,
41.5663

■ 16.1680, 21.3231,
39.3405

■ 40.9809, 41.3894,
41.9059

■ 45.7117, 44.5714,
42.2707

■ 50.9351, 48.0224,
42.6615

■ 56.6658, 51.7501,
43.0790

Harmonies

Analogous

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



21.0991, 27.4669, 31.8240



22.0205, 27.4669, 40.2174



24.0475, 27.4669, 46.5390

Triad

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



22.0205, 27.4669, 40.2174



31.4047, 27.4669, 36.3839



25.4563, 27.4669, 17.0197

Complementary

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



22.0205, 27.4669, 40.2174



21.7339, 17.4989, 10.8274

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.



28.2797, 27.4669, 17.8007



22.0205, 27.4669, 40.2174



31.8493, 27.4669, 28.0682

Square

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



22.0205, 27.4669, 40.2174



29.4944, 27.4669, 44.0629



30.6690, 27.4669, 21.5287



22.9884, 27.4669, 19.1626

Rectangle

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



22.0205, 27.4669, 40.2174



25.8213, 27.4669, 48.1868



30.6690, 27.4669, 21.5287



26.3938, 27.4669, 16.9562

Sweetspot

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



22.0213, 27.4680, 40.2180



55.7427, 62.0699, 74.5180



19.5479, 30.0702, 16.1207



12.2073, 13.6953, 16.6522



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.



22.0213, 27.4680, 40.2180



36.3902, 46.6964, 72.5706



16.5743, 16.5739, 38.4024



7.6435, 8.3240, 9.6222



12.5657, 16.5915, 30.5157



0.3323, 0.4568, 0.7513

Inverse Universe

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



24.7249, 16.9048, 32.0978



42.0921, 25.8320, 55.1277



26.4046, 26.8403, 12.3843



7.7894, 7.6456, 9.2083



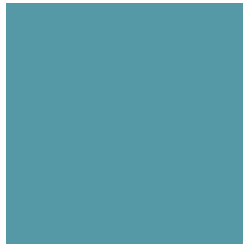
15.8432, 7.7460, 19.7835



0.3989, 0.1938, 0.5519

Previews

White Background



This preview shows how the XYZ color 22.0205, 27.4669, 40.2174 looks on a white background.

Color Contrast Check

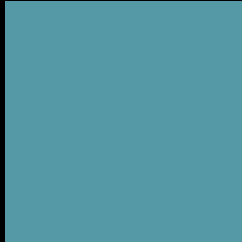
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0205, 27.4669, 40.2174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

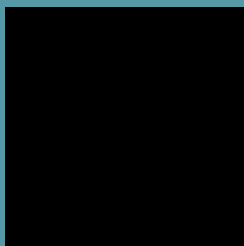
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.0205, 27.4669, 40.2174

Background



This preview shows how black text looks on a background with the XYZ color 22.0205, 27.4669, 40.2174.



This preview shows how white text looks on a background with the XYZ color 22.0205, 27.4669,

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

22.0205, 27.4669, 40.2174

Protanopia

26.5116, 27.0938, 36.1801

Deuteranopia

27.7217, 27.1695, 41.3193



Tritanopia

21.9291, 27.4304, 39.7361

Trichromacy



Original Color

22.0205, 27.4669, 40.2174

Protanomaly

24.3042, 26.8171, 37.6135

Deuteranomaly

25.0672, 26.9112, 40.9190

Tritanomaly

21.9291, 27.4304, 39.7361

Monochromacy



Original Color

22.0205, 27.4669, 40.2174

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.9156, 24.8381, 30.8333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0205, 27.4669, 40.2174 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(85, 153, 166)` looks like.

```
.text, #text, p{  
    color:rgb(85, 153, 166)  
}
```

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(85, 153, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 153, 166) }
```

Border

The CSS property to change the border of an element to XYZ 22.0205, 27.4669, 40.2174 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(85, 153, 166) }
```


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

```
.border{ border-color:rgb(85, 153, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 153, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 153, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 153, 166);  
box-shadow:4px 4px 4px 4px rgb(85, 153,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0205, 27.4669, 40.2174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 153, 166) }
```

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

```
.background{ background-color: rgb(85, 153,  
166) }
```

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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