

Converting Colors

XYZ(22.3942, 24.2961, 35.2618)

Have a look what the booklet for
XYZ(22.3942, 24.2961, 35.2618)
contains.

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Color

**XYZ(22.5104, 24.3932,
35.4202)**

Conversions

Conversions Part 1

Format	Color
Hex	758A9D
RGB	117, 138, 157
RGB Percent	46%, 54%, 62%
CMY	0.5412, 0.4588, 0.3843
CMYK	0.25, 0.12, 0.00, 0.38
HSL	208°, 17%, 54%
HSV	208°, 25%, 62%
XYZ	22.5104, 24.3932, 35.4202
YIQ	133.8870, -18.6150, 1.4570

Conversions

Conversions Part 2

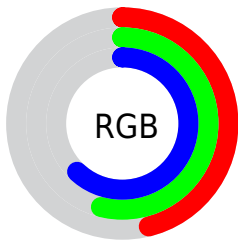
Format	Color
RYB	117, 131, 157
Decimal	7703197
CIELab	56.48, -3.06, -12.59
CIElCh	56, 12.952, 256.335
Yxy	24.3932, 0.2734, 0.2963
Android (android.graphics.Color)	4285893277 (0xFF758A9D)
YUV	133.8870, 11.3947, -14.8099
Hunter-Lab	49.3895, -5.0761, -7.9478

Details

The XYZ color **22.5104, 24.3932, 35.4202** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9199, 26.0609, 20.4943**, and the grayscale version is **22.5835, 23.7596, 25.8742**.

A 20% lighter version of the original color is **47.0920, 50.5611, 69.5646**, and **8.4751, 9.2490, 14.9742** is the 20% darker color. If you saturate the color by 10%, you get **19.5420, 21.3294, 34.9857**, and if you desaturate by 10%, it is **25.9076, 27.7883, 35.8969**.

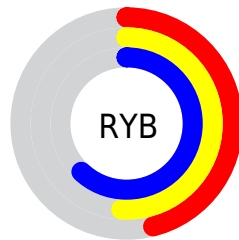
Distribution



Red (46%)

Green (54%)

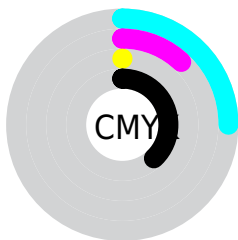
Blue (62%)



Red (46%)

Yellow (51%)

Blue (62%)

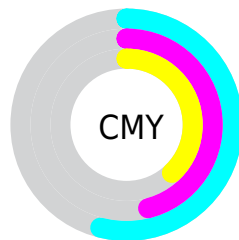


Cyan (25%)

Magenta (12%)

Yellow (0%)

Black (38%)



Cyan (54%)

Magenta (46%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5104, 24.3932, 35.4202 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 22.5104, 24.3932, 35.4202 by changing the saturation by 10% instead.

■ 22.5104, 24.3932,
35.4202

■ 22.5104, 24.3932,
35.4202

257.7828,
274.8024, 341.3796

■ 14.3511, 15.6256,
23.7006

■ 47.0607, 50.6711,
69.2952

■ 8.4486, 9.2596,
14.9015

■ 64.1825, 68.9501,
92.2876

■ 4.4375, 4.9109,
8.6045

■ 85.0225, 91.1684,
119.8747

■ 1.9525, 2.1951,
4.3908

109.9460,
117.7103, 152.4751

■ 0.6071, 0.7173,
1.8421

139.3184,
148.9603, 190.5072

■ 0.0000, 0.0000,
0.4555

173.5051,

■ 0.0000, 0.0000,

185.3027, 234.3896

0.0000

212.8715,
227.1219, 284.5409

■ 22.5104, 24.3932,
35.4202

■ 22.5104, 24.3932,
35.4202

■ 19.5420, 21.3294,
34.9857

■ 25.9076, 27.7883,
35.8969

■ 16.9811, 18.5820,
34.5904

■ 29.7491, 31.5230,
36.4153

■ 14.8076, 16.1389,
34.2333

■ 34.0525, 35.6091,
36.9772

■ 12.9991, 13.9863,
33.9132

■ 38.8336, 40.0567,
37.5836

■ 11.5302, 12.1088,
33.6282

■ 44.1076, 44.8755,
38.2358

■ 10.3720, 10.4888,
33.3766

■ 49.8887, 50.0748,
38.9347

■ 9.4870, 9.1046,
33.1560

■ 56.1908, 55.6636,
39.6813

■ 9.1358, 8.5342,
33.0644

■ 63.0271, 61.6506,
40.4765

■ 69.1848, 67.4122,
41.2641

Harmonies

Analogous

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



21.2505, 24.3932, 32.9933



22.5104, 24.3932, 35.4202



24.0055, 24.3932, 35.2997

Triad

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



22.5104, 24.3932, 35.4202



26.0638, 24.3932, 24.3044



21.1609, 24.3932, 21.2563

Complementary

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



22.5104, 24.3932, 35.4202



25.9199, 26.0609, 20.4943

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.



22.3834, 24.3932, 19.3970



22.5104, 24.3932, 35.4202



25.2335, 24.3932, 21.0226

Square

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



22.5104, 24.3932, 35.4202



26.1014, 24.3932, 28.5593



23.8730, 24.3932, 19.3163



20.4943, 24.3932, 24.6564

Rectangle

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



22.5104, 24.3932, 35.4202



24.9359, 24.3932, 33.7838



23.8730, 24.3932, 19.3163



21.5181, 24.3932, 20.4472

Sweetspot

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



22.5111, 24.3942, 35.4208



51.3554, 54.6025, 64.9594



23.8139, 29.6644, 27.6397



11.0810, 11.8025, 14.2644



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.5111, 24.3942, 35.4208



36.9718, 40.2593, 62.9489



19.9402, 19.2524, 34.5638



6.5584, 6.9826, 8.4088



7.4572, 7.0059, 26.8665



0.1756, 0.2097, 0.4945

Inverse Universe

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



24.8540, 21.7263, 26.9295



42.0278, 34.8710, 44.5414



28.9485, 32.1181, 21.5039



6.7712, 6.7014, 7.6464



12.5623, 6.3295, 7.2118



0.2459, 0.1217, 0.2412

Previews

White Background



This preview shows how the XYZ color 22.5104, 24.3932, 35.4202 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 22.5104, 24.3932, 35.4202 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

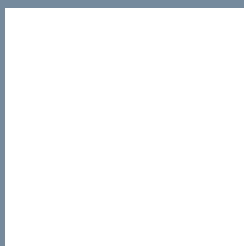
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5104, 24.3932, 35.4202

Background



This preview shows how black text looks on a background with the XYZ color 22.5104, 24.3932, 35.4202.



This preview shows how white text looks on a background with the XYZ color 22.5104, 24.3932,

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

22.5104, 24.3932, 35.4202

Protanopia

23.8736, 24.2888, 34.0018

Deuteranopia

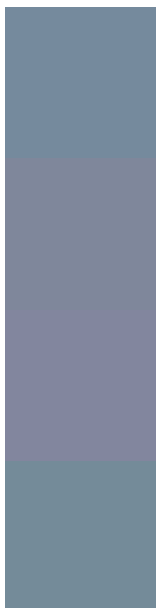
24.7393, 24.2895, 35.7322



Tritanopia

21.9401, 24.3802, 32.4037

Trichromacy



Original Color

22.5104, 24.3932, 35.4202

Protanomaly

23.3328, 24.2065, 34.4529

Deuteranomaly

23.9026, 24.2646, 35.7715

Tritanomaly

22.1848, 24.4781, 33.6925

Monochromacy



Original Color

22.5104, 24.3932, 35.4202

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.4485, 23.8701, 29.0154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5104, 24.3932, 35.4202 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(117, 138, 157)` looks like.

```
.text, #text, p{  
    color:rgb(117, 138, 157)  
}
```

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(117, 138, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 138, 157) }
```

Border

The CSS property to change the border of an element to XYZ 22.5104, 24.3932, 35.4202 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(117, 138, 157) }
```


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

```
.border{ border-color:rgb(117, 138, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 138, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 138, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 138, 157);  
box-shadow:4px 4px 4px 4px rgb(117, 138,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5104, 24.3932, 35.4202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 138, 157) }
```

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

```
.background{ background-color: rgb(117,  
138, 157) }
```

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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