

Converting Colors

XYZ(24.0508, 22.0704, 34.2399)

Have a look what the booklet for
XYZ(24.0508, 22.0704, 34.2399)
contains.

XYZ(24.1156, 22.0702, 34.4414)	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(24.1156, 22.0702,
34.4414)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7A9C
RGB	142, 122, 156
RGB Percent	56%, 48%, 61%
CMY	0.4431, 0.5216, 0.3882
CMYK	0.09, 0.22, 0.00, 0.39
HSL	275°, 15%, 55%
HSV	275°, 22%, 61%
XYZ	24.1156, 22.0702, 34.4414
YIQ	131.8560, 1.0060, 14.8140

Conversions

Conversions Part 2

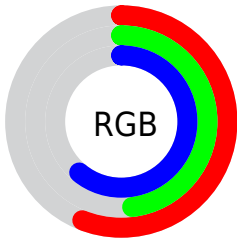
Format	Color
R_{YB}	142, 122, 156
Decimal	9337500
CIE _{Lab}	54.10, 14.37, -15.41
CIE _{LCh}	54, 21.071, 313.016
Yxy	22.0702, 0.2991, 0.2737
Android (android.graphics.Color)	4287527580 (0xFF8E7A9C)
YUV	131.8560, 11.9030, 8.8963
Hunter-Lab	46.9789, 9.4159, -10.5817

Details

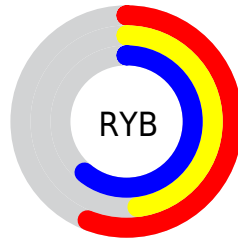
The XYZ color **24.1156, 22.0702, 34.4414** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.5555, 30.4169, 22.9376**, and the grayscale version is **21.8391, 22.9765, 25.0214**.

A 20% lighter version of the original color is **49.6589, 46.7110, 68.0268**, and **9.2467, 8.0092, 14.4232** is the 20% darker color. If you saturate the color by 10%, you get **21.2813, 17.9906, 33.8037**, and if you desaturate by 10%, it is **27.3223, 26.7993, 35.1855**.

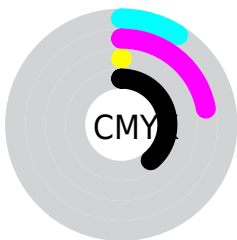
Distribution



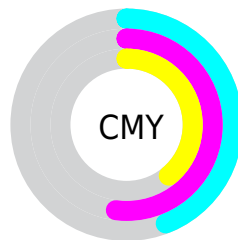
- Red (56%)
- Green (48%)
- Blue (61%)



- Red (56%)
- Yellow (48%)
- Blue (61%)



- Cyan (9%)
- Magenta (22%)
- Yellow (0%)
- Black (39%)



- Cyan (44%)
- Magenta (52%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1156, 22.0702, 34.4414 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 24.1156, 22.0702, 34.4414 by changing the saturation by 10% instead.

■ 24.1156, 22.0702,
34.4414

■ 24.1156, 22.0702,
34.4414

265.8340,
262.9127, 336.9248

■ 15.5446, 13.9085,
22.9528

■ 49.6721, 46.8620,
67.7612

■ 9.2913, 8.0570,
14.3537

■ 67.3883, 64.2609,
90.4295

■ 4.9903, 4.1315,
8.2255

■ 88.8836, 85.5076,
117.6615

■ 2.2763, 1.7474,
4.1498

114.5233,
110.9865, 149.8756

■ 0.7825, 0.4541,
1.7079

144.6729,
141.0821, 187.4905

■ 0.0000, 0.0000,
0.3661

179.6976,

■ 0.0000, 0.0000,

176.1788, 230.9246

0.0000

219.9629,
216.6608, 280.5965

■ 24.1156, 22.0702,
34.4414

■ 24.1156, 22.0702,
34.4414

■ 21.2813, 17.9906,
33.8037

■ 27.3223, 26.7993,
35.1855

■ 18.8017, 14.5281,
33.2660

■ 30.9140, 32.2031,
36.0393

■ 16.6604, 11.6511,
32.8236

■ 34.9053, 38.3087,
37.0074

■ 14.8391, 9.3246,
32.4705

■ 39.3093, 45.1409,
38.0940

■ 13.3173, 7.5093,
32.2003

■ 44.1384, 52.7232,
39.3031

■ 12.0718, 6.1608,
32.0057

■ 49.4048, 61.0781,
40.6382

■ 11.0756, 5.2264,
31.8778

■ 55.1197, 70.2272,
42.1029

■ 10.3906, 4.6634,
31.8053

■ 61.2942, 80.1912,
43.7007

■ 65.5312, 86.1744,
44.6323

Harmonies

Analogous

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



21.9811, 22.0702, 38.4739



24.1156, 22.0702, 34.4414



25.4603, 22.0702, 27.8921

Triad

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



24.1156, 22.0702, 34.4414



22.2853, 22.0702, 13.9033



16.9852, 22.0702, 26.9740

Complementary

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



24.1156, 22.0702, 34.4414



25.5555, 30.4169, 22.9376

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.



17.0536, 22.0702, 20.5432



24.1156, 22.0702, 34.4414



20.0041, 22.0702, 13.7475

Square

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



24.1156, 22.0702, 34.4414



24.3522, 22.0702, 16.4359



18.1234, 22.0702, 15.9628



17.9292, 22.0702, 33.6650

Rectangle

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



24.1156, 22.0702, 34.4414



25.6718, 22.0702, 23.3755



18.1234, 22.0702, 15.9628



16.8927, 22.0702, 24.6980

Sweetspot

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



24.1163, 22.0711, 34.4419



52.5722, 53.0874, 64.6028



22.8553, 24.1941, 34.9181



11.4931, 11.5687, 14.1976



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.



24.1163, 22.0711, 34.4419



41.2882, 36.4444, 61.9851



26.4340, 23.2934, 33.3125



6.6398, 6.6183, 8.3342



8.5986, 3.8618, 26.1994



0.2010, 0.0934, 0.4707

Inverse Universe

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



25.1146, 22.7656, 26.3642



43.4856, 37.9672, 44.4709



23.6064, 29.3915, 23.7763



6.7406, 6.6892, 7.4853



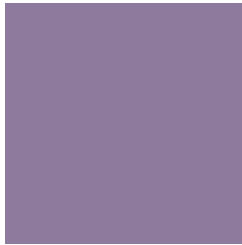
12.0774, 6.1355, 4.6587



0.2364, 0.1179, 0.1912

Previews

White Background



This preview shows how the XYZ color 24.1156, 22.0702, 34.4414 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 24.1156, 22.0702, 34.4414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

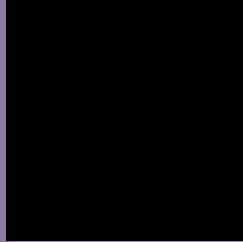
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1156, 22.0702, 34.4414

Background



This preview shows how black text looks on a background with the XYZ color 24.1156, 22.0702, 34.4414.



This preview shows how white text looks on a background with the XYZ color 24.1156, 22.0702,

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

24.1156, 22.0702, 34.4414

Protanopia

22.0904, 22.1140, 36.3618

Deuteranopia

22.5590, 22.2124, 34.1088



Tritanopia

22.5522, 22.1882, 26.3867

Trichromacy



Original Color

24.1156, 22.0702, 34.4414

Protanomaly

22.7721, 22.0920, 35.8649

Deuteranomaly

23.0815, 22.1021, 34.0600

Tritanomaly

23.1068, 22.2259, 29.0588

Monochromacy



Original Color

24.1156, 22.0702, 34.4414

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.6802, 22.5957, 28.3653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1156, 22.0702, 34.4414 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(142, 122, 156)` looks like.

```
.text, #text, p{  
    color:rgb(142, 122, 156)  
}
```

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(142, 122, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 122, 156) }
```

Border

The CSS property to change the border of an element to XYZ 24.1156, 22.0702, 34.4414 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(142, 122, 156) }
```


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

```
.border{ border-color:rgb(142, 122, 156) }
```

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

Here you see how a box with a 4 pixel rgb(142, 122, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 122, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 122, 156);  
box-shadow:4px 4px 4px 4px rgb(142, 122,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1156, 22.0702, 34.4414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 122, 156) }
```

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

```
.background{ background-color: rgb(142,  
122, 156) }
```

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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