

Converting Colors

XYZ(22.8092, 21.7552, 34.8953)

Have a look what the booklet for
XYZ(22.8092, 21.7552, 34.8953)
contains.

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Color

**XYZ(22.8092, 21.7552,
34.8953)**

Conversions

Conversions Part 1

Format	Color
Hex	847C9D
RGB	132, 124, 157
RGB Percent	52%, 49%, 62%
CMY	0.4823, 0.5137, 0.3843
CMYK	0.16, 0.21, 0.00, 0.38
HSL	255°, 14%, 55%
HSV	255°, 21%, 62%
XYZ	22.8092, 21.7552, 34.8953
YIQ	130.1540, -5.8250, 11.9590

Conversions

Conversions Part 2

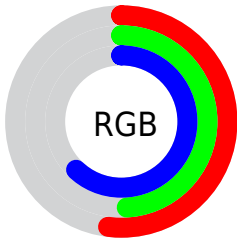
Format	Color
R_{YB}	132, 124, 157
Decimal	8682653
CIE _{Lab}	53.77, 10.00, -16.58
CIE _{LCh}	54, 19.361, 301.088
Yxy	21.7552, 0.2871, 0.2738
Android (android.graphics.Color)	4286872733 (0xFF847C9D)
YUV	130.1540, 13.2351, 1.6189
Hunter-Lab	46.6425, 5.6661, -11.7077

Details

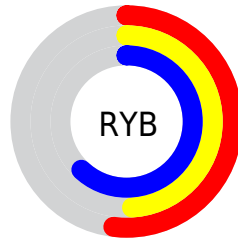
The XYZ color **22.8092, 21.7552, 34.8953** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **28.0903, 31.9593, 23.7581**, and the grayscale version is **21.2293, 22.3349, 24.3227**.

A 20% lighter version of the original color is **47.6134, 46.5120, 68.7556**, and **8.5973, 7.8666, 14.7009** is the 20% darker color. If you saturate the color by 10%, you get **19.2410, 17.2242, 34.2091**, and if you desaturate by 10%, it is **26.9041, 27.0238, 35.6968**.

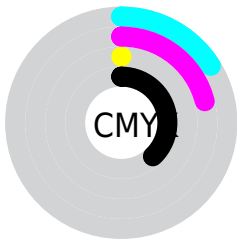
Distribution



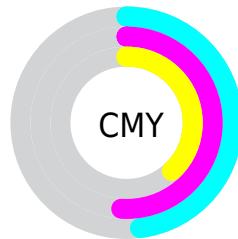
- Red (52%)
- Green (49%)
- Blue (62%)



- Red (52%)
- Yellow (49%)
- Blue (62%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)
- Black (38%)



- Cyan (48%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8092, 21.7552, 34.8953 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 22.8092, 21.7552, 34.8953 by changing the saturation by 10% instead.

■ 22.8092, 21.7552,
34.8953

■ 22.8092, 21.7552,
34.8953

259.2972,
261.2652, 338.9962

■ 14.5726, 13.6771,
23.2993

■ 47.5488, 46.3411,
68.4733

■ 8.6043, 7.8965,
14.6073

■ 64.7825, 63.6176,
91.2923

■ 4.5391, 4.0288,
8.4007

■ 85.7460, 84.7292,
118.6895

■ 2.0114, 1.6897,
4.2610

110.8046,
110.0601, 151.0834

■ 0.6403, 0.4170,
1.7696

140.3237,
139.9948, 188.8924

■ 0.0000, 0.0000,
0.4078

174.6685,

■ 0.0000, 0.0000,

174.9176, 232.5352

0.0000

214.2046,
215.2129, 282.4303

■ 22.8092, 21.7552,
34.8953

■ 22.8092, 21.7552,
34.8953

■ 19.2410, 17.2242,
34.2091

■ 26.9041, 27.0238,
35.6968

■ 16.1757, 13.3950,
33.6316

■ 31.5442, 33.0585,
36.6170

■ 13.5904, 10.2326,
33.1575

■ 36.7498, 39.8895,
37.6612

■ 11.4597, 7.6980,
32.7805

■ 42.5392, 47.5446,
38.8336

■ 9.7557, 5.7479,
32.4939

■ 48.9300, 56.0500,
40.1385

■ 8.4472, 4.3335,
32.2899

■ 55.9392, 65.4311,
41.5798

■ 7.4984, 3.3977,
32.1593

■ 63.5829, 75.7121,
43.1614

■ 6.8873, 2.8475,
32.0853

■ 71.8767, 86.9161,
44.8868

■ 77.4600, 92.3141,
45.6345

Harmonies

Analogous

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



20.7536, 21.7552, 37.0629



22.8092, 21.7552, 34.8953



24.3745, 21.7552, 29.6592

Triad

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



22.8092, 21.7552, 34.8953



22.6693, 21.7552, 15.0197



16.9361, 21.7552, 23.9055

Complementary

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



22.8092, 21.7552, 34.8953



28.0903, 31.9593, 23.7581

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.



17.3749, 21.7552, 18.5769



22.8092, 21.7552, 34.8953



20.6020, 21.7552, 13.9933

Square

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



22.8092, 21.7552, 34.8953



24.2900, 21.7552, 18.2589



18.6832, 21.7552, 15.1805



17.4425, 21.7552, 30.0982

Rectangle

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



22.8092, 21.7552, 34.8953



24.8796, 21.7552, 25.5043



18.6832, 21.7552, 15.1805



16.9777, 21.7552, 21.9595

Sweetspot

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



22.8099, 21.7561, 34.8958



52.1312, 53.5193, 64.7094



25.1937, 28.3100, 36.0352



11.3641, 11.6375, 14.2177



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.



22.8099, 21.7561, 34.8958



37.8828, 35.1803, 61.9206



25.5431, 23.1651, 35.0237



6.4279, 6.5090, 8.3243



5.6229, 2.3277, 26.0602



0.1348, 0.0593, 0.4676

Inverse Universe

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



26.5378, 23.7543, 31.6211



45.7674, 39.4096, 54.8537



25.3371, 30.5400, 23.6292



6.8354, 6.7271, 7.9842



14.0098, 6.9085, 14.8344



0.2658, 0.1297, 0.3459

Previews

White Background



This preview shows how the XYZ color 22.8092, 21.7552, 34.8953 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 22.8092, 21.7552, 34.8953 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 22.8092, 21.7552, 34.8953

Background



This preview shows how black text looks on a background with the XYZ color 22.8092, 21.7552, 34.8953.



This preview shows how white text looks on a background with the XYZ color 22.8092, 21.7552,

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

22.8092, 21.7552, 34.8953

Protanopia

21.7325, 21.7469, 35.8530

Deuteranopia

22.2991, 21.8681, 34.9440



Tritanopia

21.2301, 21.6808, 27.1106

Trichromacy



Original Color

22.8092, 21.7552, 34.8953

Protanomaly

22.0899, 21.7503, 35.3817

Deuteranomaly

22.4727, 21.7687, 34.9156

Tritanomaly

21.7776, 21.7119, 29.8311

Monochromacy



Original Color

22.8092, 21.7552, 34.8953

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.8129, 22.1571, 27.9380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8092, 21.7552, 34.8953 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(132, 124, 157)` looks like.

```
.text, #text, p{  
    color:rgb(132, 124, 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(132, 124, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 124, 157) }
```

Border

The CSS property to change the border of an element to XYZ 22.8092, 21.7552, 34.8953 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(132, 124, 157) }
```


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

```
.border{ border-color:rgb(132, 124, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 124, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 124, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 124, 157);  
box-shadow:4px 4px 4px 4px rgb(132, 124,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8092, 21.7552, 34.8953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 124, 157) }
```

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

```
.background{ background-color: rgb(132,  
124, 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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