

Converting Colors

XYZ(23.5568, 21.5591, 28.1190)

Have a look what the booklet for
XYZ(23.5568, 21.5591, 28.1190)
contains.

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Color

**XYZ(23.5568, 21.5591,
28.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	93788D
RGB	147, 120, 141
RGB Percent	58%, 47%, 55%
CMY	0.4235, 0.5294, 0.4471
CMYK	0.00, 0.18, 0.04, 0.42
HSL	313°, 11%, 52%
HSV	313°, 18%, 58%
XYZ	23.5568, 21.5591, 28.1190
YIQ	130.4670, 9.3510, 12.2550

Conversions

Conversions Part 2

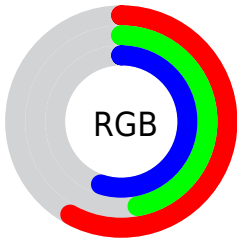
Format	Color
R_{YB}	147, 120, 141
Decimal	9664653
CIE _{Lab}	53.56, 14.26, -7.44
CIE _{LCh}	54, 16.085, 332.454
Yxy	21.5591, 0.3217, 0.2944
Android (android.graphics.Color)	4287854733 (0xFF93788D)
YUV	130.4670, 5.1928, 14.4994
Hunter-Lab	46.4318, 9.3050, -3.4037

Details

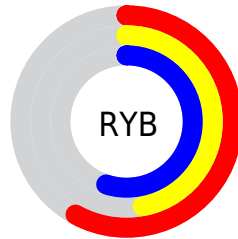
The XYZ color **23.5568, 21.5591, 28.1190** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.9462, 26.3675, 23.6727**, and the grayscale version is **21.3639, 22.4765, 24.4769**.

A 20% lighter version of the original color is **48.6902, 45.8627, 57.9159**, and **8.9654, 7.7486, 10.9206** is the 20% darker color. If you saturate the color by 10%, you get **21.6835, 18.1955, 26.3130**, and if you desaturate by 10%, it is **25.7100, 25.4703, 30.0542**.

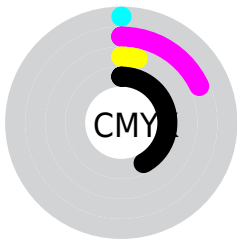
Distribution



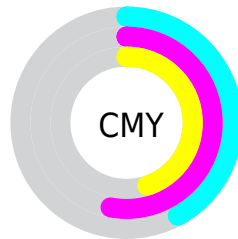
- Red (58%)
- Green (47%)
- Blue (55%)



- Red (58%)
- Yellow (47%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (4%)
- Black (42%)



- Cyan (42%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5568, 21.5591, 28.1190 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 23.5568, 21.5591, 28.1190 by changing the saturation by 10% instead.

■ 23.5568, 21.5591,
28.1190

■ 23.5568, 21.5591,
28.1190

263.0543,
260.2351, 306.9649

■ 15.1281, 13.5333,
18.1756

■ 48.7659, 46.0162,
57.6998

■ 8.9963, 7.7968,
10.9054

■ 66.2771, 63.2163,
78.1742

■ 4.7958, 3.9652,
5.8899

■ 87.5466, 84.2432,
102.9960

■ 2.1615, 1.6541,
2.7105

112.9395,
109.4815, 132.5837

■ 0.7223, 0.3937,
0.9487

142.8215,
139.3154, 167.3559

■ 0.0000, 0.0000,
0.0000

177.5577,

174.1293, 207.7312

217.5135,
214.3078, 254.1280

■ 23.5568, 21.5591,
28.1190

■ 23.5568, 21.5591,
28.1190

■ 21.6835, 18.1955,
26.3130

■ 25.7100, 25.4703,
30.0542

■ 20.0757, 15.3520,
24.6304

■ 28.1527, 29.9494,
32.1213

■ 18.7208, 13.0028,
23.0668

■ 30.8966, 35.0192,
34.3248

■ 17.6042, 11.1191,
21.6171

■ 33.9521, 40.7002,
36.6684

■ 16.7098, 9.6688,
20.2757

■ 37.3289, 47.0121,
39.1557

■ 16.0197, 8.6158,
19.0362

■ 41.0365, 53.9737,
41.7901

■ 15.5126, 7.9183,
17.8912

■ 45.0840, 61.6029,
44.5749

■ 15.1455, 7.4900,
16.8261

■ 49.4799, 69.9171,
47.5133

■ 15.0888, 7.4255,
16.6563

■ 54.2328, 78.9328,
50.6082

Harmonies

Analogous

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



22.3125, 21.5591, 32.3807



23.5568, 21.5591, 28.1190



23.9661, 21.5591, 23.0722

Triad

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



23.5568, 21.5591, 28.1190



20.3504, 21.5591, 15.2454



17.8323, 21.5591, 28.9164

Complementary

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



23.5568, 21.5591, 28.1190



21.9462, 26.3675, 23.6727

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.



17.3697, 21.5591, 23.8809



23.5568, 21.5591, 28.1190



18.7719, 21.5591, 16.3719

Square

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



23.5568, 21.5591, 28.1190



22.0547, 21.5591, 16.0559



17.7040, 21.5591, 19.3713



19.0035, 21.5591, 32.8843

Rectangle

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



23.5568, 21.5591, 28.1190



23.6930, 21.5591, 20.0483



17.7040, 21.5591, 19.3713



17.5918, 21.5591, 27.2697

Sweetspot

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



23.5574, 21.5600, 28.1195



46.9774, 47.3216, 54.6314



20.5660, 19.9649, 30.3737



10.6686, 10.7014, 12.4235



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.5574, 21.5600, 28.1195



40.7570, 36.0323, 49.0080



22.6231, 21.1863, 23.1995



5.9807, 5.8874, 7.0046



13.0906, 6.4413, 14.4899



0.1711, 0.0832, 0.2348

Inverse Universe

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



23.5574, 21.5600, 28.1195



40.7570, 36.0323, 49.0080



22.8660, 26.7354, 28.5163



5.9807, 5.8874, 7.0046



13.0906, 6.4413, 14.4899



0.1711, 0.0832, 0.2348

Previews

White Background



This preview shows how the XYZ color 23.5568, 21.5591, 28.1190 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 23.5568, 21.5591, 28.1190 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 23.5568, 21.5591, 28.1190

Background



This preview shows how black text looks on a background with the XYZ color 23.5568, 21.5591, 28.1190.



This preview shows how white text looks on a background with the XYZ color 23.5568, 21.5591,

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

23.5568, 21.5591, 28.1190

Protanopia

21.2351, 21.6140, 30.2468

Deuteranopia

22.0589, 21.7116, 27.8391



Tritanopia

22.9103, 21.6688, 24.4477

Trichromacy



Original Color

23.5568, 21.5591, 28.1190

Protanomaly

21.9146, 21.4155, 29.3641

Deuteranomaly

22.4640, 21.5483, 27.7862

Tritanomaly

23.0646, 21.5350, 25.8627

Monochromacy



Original Color

23.5568, 21.5591, 28.1190

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.9173, 21.8772, 25.6218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5568, 21.5591, 28.1190 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(147, 120, 141)` looks like.

```
.text, #text, p{  
    color:rgb(147, 120, 141)  
}
```

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(147, 120, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 120, 141) }
```

Border

The CSS property to change the border of an element to XYZ 23.5568, 21.5591, 28.1190 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(147, 120, 141) }
```


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

```
.border{ border-color:rgb(147, 120, 141) }
```

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

Here you see how a box with a 4 pixel rgb(147, 120, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 120, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 120, 141);  
box-shadow:4px 4px 4px 4px rgb(147, 120,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5568, 21.5591, 28.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 120, 141) }
```

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

```
.background{ background-color: rgb(147,  
120, 141) }
```

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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