

Converting Colors

XYZ(22.8181, 20.5535, 26.0742)

Have a look what the booklet for
XYZ(22.8181, 20.5535, 26.0742)
contains.

XYZ(22.7219, 20.4714, 26.0464)	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(22.7219, 20.4714,
26.0464)**

Conversions

Conversions Part 1

Format	Color
Hex	937488
RGB	147, 116, 136
RGB Percent	58%, 45%, 53%
CMY	0.4235, 0.5451, 0.4667
CMYK	0.00, 0.21, 0.07, 0.42
HSL	321°, 13%, 52%
HSV	321°, 21%, 58%
XYZ	22.7219, 20.4714, 26.0464
YIQ	127.5490, 12.0560, 12.7920

Conversions

Conversions Part 2

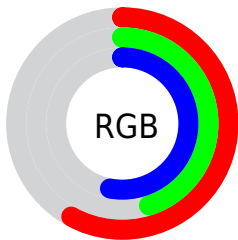
Format	Color
RYB	147, 116, 136
Decimal	9663624
CIELab	52.37, 15.64, -6.28
CIELCh	52, 16.850, 338.114
Yxy	20.4714, 0.3282, 0.2957
Android (android.graphics.Color)	4287853704 (0xFF937488)
YUV	127.5490, 4.1663, 17.0585
Hunter-Lab	45.2453, 10.4622, -2.4598

Details

The XYZ color $22.7219, 20.4714, 26.0464$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $21.4677, 26.1132, 23.9886$, and the grayscale version is $20.3454, 21.4050, 23.3100$.

A 20% lighter version of the original color is $47.2753, 44.0969, 54.1640$, and $8.5707, 7.2929, 9.7600$ is the 20% darker color. If you saturate the color by 10%, you get $20.7980, 17.2024, 23.6204$, and if you desaturate by 10%, it is $24.9332, 24.2858, 28.6577$.

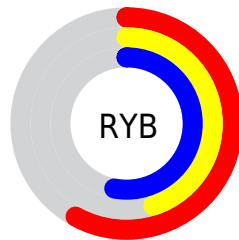
Distribution



Red (58%)

Green (45%)

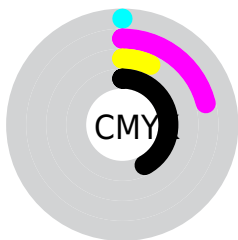
Blue (53%)



Red (58%)

Yellow (45%)

Blue (53%)

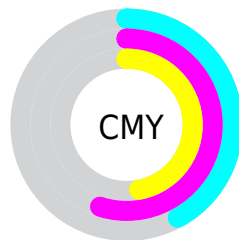


Cyan (0%)

Magenta (21%)

Yellow (7%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7219, 20.4714, 26.0464 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 22.7219, 20.4714, 26.0464 by changing the saturation by 10% instead.

■ 22.7219, 20.4714,
26.0464

■ 22.7219, 20.4714,
26.0464

258.8555,
254.4558, 296.6225

■ 14.5079, 12.7382,
16.6323

■ 47.4063, 44.2061,
54.3348

■ 8.5588, 7.2485,
9.8135

■ 64.6074, 60.9764,
74.0461

■ 4.5093, 3.6180,
5.1715

■ 85.5349, 81.5278,
98.0270

■ 1.9941, 1.4623,
2.2877

■ 110.5541,
106.2448, 126.6959

■ 0.6307, 0.2619,
0.7243

140.0304,
135.5116, 160.4713

■ 0.0000, 0.0000,
0.0000

174.3291,

169.7128, 199.7719

213.8157,
209.2327, 245.0161

■ 22.7219, 20.4714,
26.0464

■ 22.7219, 20.4714,
26.0464

■ 20.7980, 17.2024,
23.6204

■ 24.9332, 24.2858,
28.6577

■ 19.1469, 14.4507,
21.3729

■ 27.4420, 28.6663,
31.4582

■ 17.7554, 12.1900,
19.2985

■ 30.2604, 33.6362,
34.4533

■ 16.6082, 10.3904,
17.3907

■ 33.3989, 39.2165,
37.6479

■ 15.6887, 9.0190,
15.6426

■ 36.8678, 45.4270,
41.0463

■ 14.9778, 8.0381,
14.0466

■ 40.6768, 52.2869,
44.6531

■ 14.4534, 7.4037,
12.5938

■ 44.8352, 59.8144,
48.4723

■ 14.0908, 7.0263,
11.4010

■ 49.3519, 68.0271,
52.5082

■ 54.2356, 76.9417,
56.7646

Harmonies

Analogous

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



21.5912, 20.4714, 30.6885



22.7219, 20.4714, 26.0464



22.9524, 20.4714, 20.9677

Triad

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



22.7219, 20.4714, 26.0464



18.9901, 20.4714, 14.1025



16.9477, 20.4714, 28.7259

Complementary

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



22.7219, 20.4714, 26.0464



21.4677, 26.1132, 23.9886

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.



16.3366, 20.4714, 23.6665



22.7219, 20.4714, 26.0464



17.4691, 20.4714, 15.5831

Square

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



22.7219, 20.4714, 26.0464



20.7284, 20.4714, 14.5443



16.5217, 20.4714, 18.9131



18.2396, 20.4714, 32.3887

Rectangle

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



22.7219, 20.4714, 26.0464



22.5524, 20.4714, 18.0820



16.5217, 20.4714, 18.9131



16.6595, 20.4714, 27.1046

Sweetspot

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



22.7225, 20.4723, 26.0468



46.8134, 47.2560, 53.7677



20.2427, 19.0989, 30.2235



10.6277, 10.6850, 12.2083



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.



22.7225, 20.4723, 26.0468



39.1047, 33.9524, 44.6818



21.7085, 20.0667, 20.7069



5.9488, 5.8746, 6.8366



12.2279, 6.0962, 9.9473



0.1637, 0.0802, 0.1958

Inverse Universe

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



22.7225, 20.4723, 26.0468



39.1047, 33.9524, 44.6818



22.5456, 26.5444, 29.6648



5.9488, 5.8746, 6.8366



12.2279, 6.0962, 9.9473



0.1637, 0.0802, 0.1958

Previews

White Background



This preview shows how the XYZ color 22.7219, 20.4714, 26.0464 looks on a white background.

Color Contrast Check

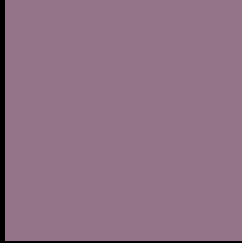
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7219, 20.4714, 26.0464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

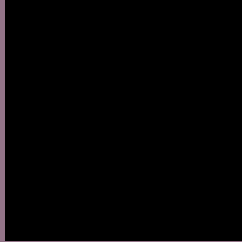
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.7219, 20.4714, 26.0464

Background



This preview shows how black text looks on a background with the XYZ color 22.7219, 20.4714, 26.0464.



This preview shows how white text looks on a background with the XYZ color 22.7219, 20.4714,

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

22.7219, 20.4714, 26.0464

Protanopia

20.1837, 20.5493, 28.1019

Deuteranopia

21.0056, 20.6549, 25.8013



Tritanopia

22.1633, 20.6002, 22.8868

Trichromacy



Original Color

22.7219, 20.4714, 26.0464

Protanomaly

21.0133, 20.4444, 27.2647

Deuteranomaly

21.5709, 20.5855, 25.7582

Tritanomaly

22.2446, 20.4453, 23.8930

Monochromacy



Original Color

22.7219, 20.4714, 26.0464

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.2961, 21.2049, 24.4433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7219, 20.4714, 26.0464 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, 116, 136)` looks like.

```
.text, #text, p{  
    color:rgb(147, 116, 136)  
}
```

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, 116, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 116, 136) }
```

Border

The CSS property to change the border of an element to XYZ 22.7219, 20.4714, 26.0464 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, 116, 136) }
```


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

```
.border{ border-color:rgb(147, 116, 136) }
```

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

Here you see how a box with a 4 pixel rgb(147, 116, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 116, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 116, 136);  
box-shadow:4px 4px 4px 4px rgb(147, 116,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7219, 20.4714, 26.0464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 116, 136) }
```

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

```
.background{ background-color: rgb(147,  
116, 136) }
```

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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