

Converting Colors

XYZ(22.6217, 25.8579, 29.7371)

Have a look what the booklet for
XYZ(22.6217, 25.8579, 29.7371)
contains.

XYZ(22.6769, 25.9228, 29.7950)	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(22.6769, 25.9228,
29.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	78908F
RGB	120, 144, 143
RGB Percent	47%, 56%, 56%
CMY	0.5294, 0.4353, 0.4392
CMYK	0.17, 0.00, 0.01, 0.44
HSL	177°, 10%, 52%
HSV	177°, 17%, 56%
XYZ	22.6769, 25.9228, 29.7950
YIQ	136.7100, -13.9830, -5.3990

Conversions

Conversions Part 2

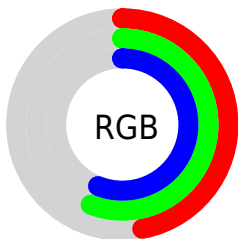
Format	Color
R_{YB}	120, 132, 144
Decimal	7901327
CIE _{Lab}	57.96, -8.70, -2.32
CIE _{LCh}	58, 9.002, 194.943
Yxy	25.9228, 0.2893, 0.3307
Android (android.graphics.Color)	4286091407 (0xFF78908F)
YUV	136.7100, 3.1010, -14.6547
Hunter-Lab	50.9144, -9.5977, 0.9437

Details

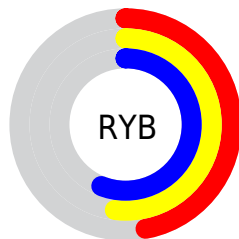
The XYZ color **22.6769, 25.9228, 29.7950** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.6702, 20.7434, 20.9520**, and the grayscale version is **23.6615, 24.8937, 27.1093**.

A 20% lighter version of the original color is **47.5057, 53.3036, 60.6081**, and **8.5770, 10.1353, 11.8602** is the 20% darker color. If you saturate the color by 10%, you get **20.7828, 24.9523, 29.4697**, and if you desaturate by 10%, it is **24.8731, 27.0504, 30.1368**.

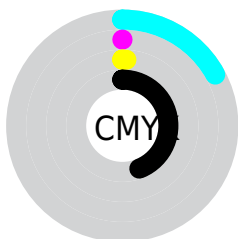
Distribution



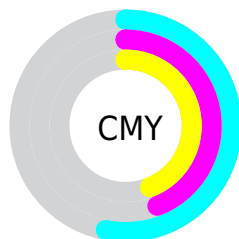
- Red (47%)
- Green (56%)
- Blue (56%)



- Red (47%)
- Yellow (52%)
- Blue (56%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (44%)



- Cyan (53%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6769, 25.9228, 29.7950 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 22.6769, 25.9228, 29.7950 by changing the saturation by 10% instead.

■ 22.6769, 25.9228,
29.7950

■ 22.6769, 25.9228,
29.7950

258.6276,
282.4029, 315.1252

■ 14.4745, 16.7659,
19.4323

■ 47.3328, 53.1504,
60.3950

■ 8.5353, 10.0677,
11.8031

■ 64.5171, 71.9898,
81.4694

■ 4.4940, 5.4439,
6.4888

■ 85.4259, 94.8256,
106.9514

■ 1.9852, 2.5100,
3.0710

110.4248,
122.0421, 137.2597

■ 0.6257, 0.8816,
1.1310

139.8791,
154.0237, 172.8126

■ 0.0000, 0.0000,
0.0000

174.1540,

191.1547, 214.0288

213.6151,
233.8197, 261.3269

■ 22.6769, 25.9228,
29.7950

■ 22.6769, 25.9228,
29.7950

■ 20.7828, 24.9523,
29.4697

■ 24.8731, 27.0504,
30.1368

■ 19.1753, 24.1288,
29.1586

■ 27.3817, 28.3383,
30.4939

■ 17.8406, 23.4460,
28.8615

■ 30.2152, 29.7937,
30.8676

■ 16.7632, 22.8957,
28.5777

■ 33.3850, 31.4224,
31.2582

■ 15.9259, 22.4692,
28.3064

■ 36.9016, 33.2299,
31.6663

■ 15.3093, 22.1564,
28.0467

■ 40.7752, 35.2214,
32.0925

■ 14.8912, 21.9460,
27.7975

■ 45.0157, 37.4020,
32.5371

■ 14.6351, 21.8190,
27.5572

■ 49.6324, 39.7766,
33.0006

■ 14.5605, 21.7822,
27.4779

■ 54.6344, 42.3497,
33.4834

Harmonies

Analogous

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



22.6779, 25.9228, 26.7011



22.6769, 25.9228, 29.7950



23.1910, 25.9228, 32.6618

Triad

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



22.6769, 25.9228, 29.7950



26.1427, 25.9228, 32.6711



25.1850, 25.9228, 22.8381

Complementary

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



22.6769, 25.9228, 29.7950



21.6702, 20.7434, 20.9520

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.



26.1458, 25.9228, 24.2103



22.6769, 25.9228, 29.7950



26.7097, 25.9228, 29.8069

Square

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



22.6769, 25.9228, 29.7950



25.1809, 25.9228, 34.4033



26.7108, 25.9228, 26.7122



24.1046, 25.9228, 22.8355

Rectangle

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



22.6769, 25.9228, 29.7950



23.7655, 25.9228, 33.9937



26.7108, 25.9228, 26.7122



25.5334, 25.9228, 23.1498

Sweetspot

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



22.6776, 25.9239, 29.7956



44.5237, 48.0447, 53.2484



21.2774, 25.3831, 21.5476



10.1494, 10.9865, 12.2021



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.6776, 25.9239, 29.7956



38.6846, 45.0488, 52.3317



21.1954, 22.8374, 29.6778



5.5507, 6.1125, 6.8657



12.6811, 18.9683, 23.9387



0.1232, 0.1821, 0.2392

Inverse Universe

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



21.6702, 20.7434, 20.9520



36.5643, 34.1448, 33.7184



22.9822, 23.4652, 21.0876



5.4174, 5.4275, 5.6963



10.0467, 5.1757, 0.6316



0.0975, 0.0501, 0.0137

Previews

White Background



This preview shows how the XYZ color 22.6769, 25.9228, 29.7950 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 22.6769, 25.9228, 29.7950 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

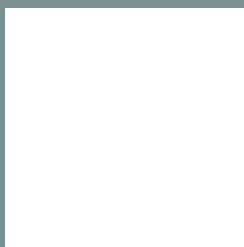
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6769, 25.9228, 29.7950

Background



This preview shows how black text looks on a background with the XYZ color 22.6769, 25.9228, 29.7950.



This preview shows how white text looks on a background with the XYZ color 22.6769, 25.9228,

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

22.6769, 25.9228, 29.7950

Protanopia

24.8066, 25.7331, 28.4705

Deuteranopia

26.3525, 25.8563, 30.3899



Tritanopia

23.5318, 25.8167, 34.3147

Trichromacy



Original Color

22.6769, 25.9228, 29.7950

Protanomaly

23.8587, 25.6658, 28.8958

Deuteranomaly

24.7700, 25.6795, 30.0367

Tritanomaly

23.2126, 25.9119, 32.6322

Monochromacy



Original Color

22.6769, 25.9228, 29.7950

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.3984, 25.4455, 28.1044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6769, 25.9228, 29.7950 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(120, 144, 143)` looks like.

```
.text, #text, p{  
    color:rgb(120, 144, 143)  
}
```

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(120, 144, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 144, 143) }
```

Border

The CSS property to change the border of an element to XYZ 22.6769, 25.9228, 29.7950 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(120, 144, 143) }
```


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

```
.border{ border-color:rgb(120, 144, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 144, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 144, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 144, 143); box-shadow:4px 4px 4px 4px rgb(120, 144, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6769, 25.9228, 29.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 144, 143) }
```

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

```
.background{ background-color: rgb(120,  
144, 143) }
```

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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