

Converting Colors

XYZ(22.9067, 25.0374, 30.5556)

Have a look what the booklet for
XYZ(22.9067, 25.0374, 30.5556)
contains.

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Color

**XYZ(22.9464, 25.1605,
30.4351)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8C91
RGB	125, 140, 145
RGB Percent	49%, 55%, 57%
CMY	0.5098, 0.4510, 0.4314
CMYK	0.14, 0.03, 0.00, 0.43
HSL	195°, 8%, 53%
HSV	195°, 14%, 57%
XYZ	22.9464, 25.1605, 30.4351
YIQ	136.0850, -10.5450, -1.6250

Conversions

Conversions Part 2

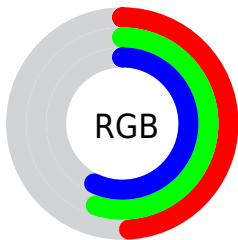
Format	Color
R_{YB}	125, 134, 145
Decimal	8227985
CIE _{Lab}	57.23, -4.32, -4.51
CIE _{LCh}	57, 6.241, 226.230
Yxy	25.1605, 0.2922, 0.3203
Android (android.graphics.Color)	4286418065 (0xFF7D8C91)
YUV	136.0850, 4.3951, -9.7215
Hunter-Lab	50.1602, -6.1235, -0.8625

Details

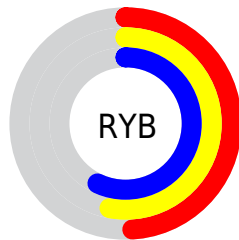
The XYZ color **22.9464, 25.1605, 30.4351** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.3615, 23.4656, 22.7006**, and the grayscale version is **23.4211, 24.6408, 26.8338**.

A 20% lighter version of the original color is **47.9607, 52.1721, 61.5752**, and **8.7022, 9.6751, 12.2353** is the 20% darker color. If you saturate the color by 10%, you get **20.4616, 23.1071, 30.1701**, and if you desaturate by 10%, it is **25.7591, 27.4102, 30.7215**.

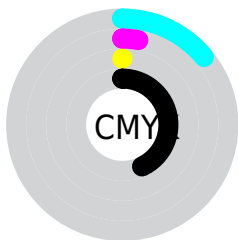
Distribution



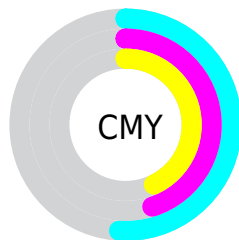
- Red (49%)
- Green (55%)
- Blue (57%)



- Red (49%)
- Yellow (53%)
- Blue (57%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (43%)



- Cyan (51%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9464, 25.1605, 30.4351 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 22.9464, 25.1605, 30.4351 by changing the saturation by 10% instead.

■ 22.9464, 25.1605,
30.4351

■ 22.9464, 25.1605,
30.4351

259.9901,
278.6363, 318.1975

■ 14.6744, 16.1967,
19.9142

■ 47.7726, 51.9175,
61.4187

■ 8.6760, 9.6634,
12.1493

■ 65.0575, 70.4794,
82.7185

■ 4.5859, 5.1764,
6.7216

■ 86.0775, 93.0095,
108.4484

■ 2.0386, 2.3511,
3.2128

111.1978,
119.8922, 139.0268

■ 0.6555, 0.8006,
1.2043

140.7839,
151.5118, 174.8725

■ 0.0000, 0.0000,
0.0000

175.2010,

188.2528, 216.4037

214.8146,
230.4995, 264.0393

■ 22.9464, 25.1605,
30.4351

■ 22.9464, 25.1605,
30.4351

■ 20.4616, 23.1071,
30.1701

■ 25.7591, 27.4102,
30.7215

■ 18.2891, 21.2396,
29.9242

■ 28.9103, 29.8599,
31.0282

■ 16.4151, 19.5514,
29.6971

■ 32.4127, 32.5170,
31.3565

■ 14.8240, 18.0341,
29.4881

■ 36.2777, 35.3876,
31.7069

■ 13.4985, 16.6788,
29.2963

■ 40.5160, 38.4775,
32.0799

■ 12.4196, 15.4751,
29.1209

■ 45.1383, 41.7924,
32.4761

■ 11.5654, 14.4117,
28.9606

■ 50.1543, 45.3376,
32.8961

■ 10.9096, 13.4746,
28.8143

■ 55.5737, 49.1183,
33.3402

■ 10.5546, 12.9317,
28.7282

■ 61.2207, 53.0440,
33.8003

Harmonies

Analogous

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



22.5780, 25.1605, 28.5467



22.9464, 25.1605, 30.4351



23.5783, 25.1605, 31.5337

Triad

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



22.9464, 25.1605, 30.4351



25.3187, 25.1605, 28.3739



23.5200, 25.1605, 23.6771

Complementary

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



22.9464, 25.1605, 30.4351



23.3615, 23.4656, 22.7006

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.



24.2535, 25.1605, 23.6362



22.9464, 25.1605, 30.4351



25.3023, 25.1605, 26.2757

Square

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



22.9464, 25.1605, 30.4351



24.9533, 25.1605, 30.3030



24.9090, 25.1605, 24.5653



22.9045, 25.1605, 24.6802

Rectangle

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



22.9464, 25.1605, 30.4351



24.0686, 25.1605, 31.6357



24.9090, 25.1605, 24.5653



23.7607, 25.1605, 23.5522

Sweetspot

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



22.9471, 25.1615, 30.4357



45.9753, 48.9649, 55.0016



22.5902, 26.2140, 24.8717



10.1463, 10.8285, 12.2275



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.



22.9471, 25.1615, 30.4357



39.4432, 43.7103, 54.3316



21.5958, 22.4589, 29.9852



5.4477, 5.8912, 6.8788



9.0741, 11.1341, 24.6479



0.1042, 0.1413, 0.2415

Inverse Universe

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



23.7449, 22.5810, 27.9192



41.2129, 38.0896, 48.7259



24.7086, 26.1598, 23.1496



5.5695, 5.4883, 6.4968



12.3833, 6.1103, 12.9356



0.1272, 0.0619, 0.1700

Previews

White Background



This preview shows how the XYZ color 22.9464, 25.1605, 30.4351 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 22.9464, 25.1605, 30.4351 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

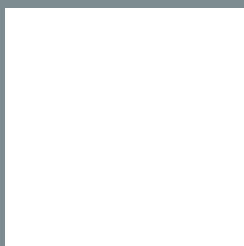
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.9464, 25.1605, 30.4351

Background



This preview shows how black text looks on a background with the XYZ color 22.9464, 25.1605, 30.4351.



This preview shows how white text looks on a background with the XYZ color 22.9464, 25.1605,

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

22.9464, 25.1605, 30.4351

Protanopia

24.2433, 24.9948, 29.5333

Deuteranopia

25.4299, 24.9614, 30.6719



Tritanopia

23.3418, 25.1029, 32.4693

Trichromacy



Original Color

22.9464, 25.1605, 30.4351

Protanomaly

23.6526, 24.8915, 29.9435

Deuteranomaly

24.4737, 25.0869, 30.7465

Tritanomaly

23.1821, 25.0390, 31.6282

Monochromacy



Original Color

22.9464, 25.1605, 30.4351

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1216, 24.6609, 27.9675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9464, 25.1605, 30.4351 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(125, 140, 145)` looks like.

```
.text, #text, p{  
    color:rgb(125, 140, 145)  
}
```

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(125, 140, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 140, 145) }
```

Border

The CSS property to change the border of an element to XYZ 22.9464, 25.1605, 30.4351 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(125, 140, 145) }
```


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

```
.border{ border-color:rgb(125, 140, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 140, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 140, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 140, 145);  
box-shadow:4px 4px 4px 4px rgb(125, 140,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9464, 25.1605, 30.4351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 140, 145) }
```

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

```
.background{ background-color: rgb(125,  
140, 145) }
```

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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