

Converting Colors

XYZ(22.5262, 29.3028, 26.5153)

Have a look what the booklet for
XYZ(22.5262, 29.3028, 26.5153)
contains.

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Color

**XYZ(22.5239, 29.2730,
26.6534)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9E85
RGB	107, 158, 133
RGB Percent	42%, 62%, 52%
CMY	0.5804, 0.3804, 0.4784
CMYK	0.32, 0.00, 0.16, 0.38
HSL	151°, 21%, 52%
HSV	151°, 32%, 62%
XYZ	22.5239, 29.2730, 26.6534
YIQ	139.9010, -22.3710, -18.5870

Conversions

Conversions Part 2

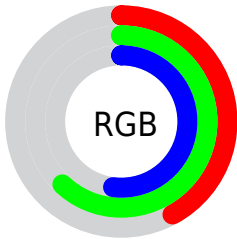
Format	Color
RYB	107, 141, 158
Decimal	7052933
CIELab	61.02, -22.58, 7.69
CIElCh	61, 23.850, 161.201
Yxy	29.2730, 0.2871, 0.3731
Android (android.graphics.Color)	4285243013 (0xFF6B9E85)
YUV	139.9010, -3.4022, -28.8542
Hunter-Lab	54.1045, -20.3728, 8.6653

Details

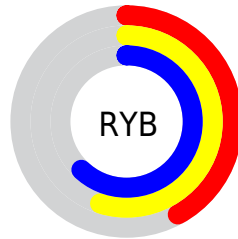
The XYZ color **22.5239, 29.2730, 26.6534** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.5241, 19.4511, 24.3456**, and the grayscale version is **24.9085, 26.2056, 28.5379**.

A 20% lighter version of the original color is **47.1544, 58.6073, 55.2814**, and **8.4027, 11.8025, 10.0188** is the 20% darker color. If you saturate the color by 10%, you get **20.2797, 28.1764, 23.8575**, and if you desaturate by 10%, it is **25.1563, 30.5667, 29.6747**.

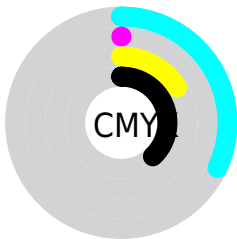
Distribution



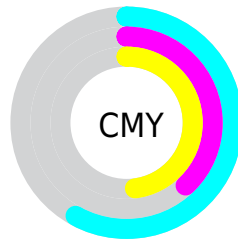
- Red (42%)
- Green (62%)
- Blue (52%)



- Red (42%)
- Yellow (55%)
- Blue (62%)



- Cyan (32%)
- Magenta (0%)
- Yellow (16%)
- Black (38%)



- Cyan (58%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5239, 29.2730, 26.6534 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 22.5239, 29.2730, 26.6534 by changing the saturation by 10% instead.

■ 22.5239, 29.2730,
26.6534

■ 22.5239, 29.2730,
26.6534

257.8514,
298.5009, 299.6819

■ 14.3611, 19.2874,
17.0830

■ 47.0828, 58.5106,
55.3241

■ 8.4556, 11.8782,
10.1311

■ 64.2096, 78.5313,
75.2615

■ 4.4421, 6.6608,
5.3792

■ 85.0552, 102.6660,
99.4916

■ 1.9552, 3.2509,
2.4088

■ 109.9849,
131.2989, 128.4330

■ 0.6086, 1.2641,
0.7912

139.3639,
164.8144, 162.5042

■ 0.0000, 0.1131,
0.0000

173.5578,

■ 0.0000, 0.0000,

203.5970, 202.1237

0.0000

212.9318,
248.0310, 247.7101

■ 22.5239, 29.2730,
26.6534

■ 22.5239, 29.2730,
26.6534

■ 20.2797, 28.1764,
23.8575

■ 25.1563, 30.5667,
29.6747

■ 18.4015, 27.2633,
21.2798

■ 28.1929, 32.0633,
32.9247

■ 16.8685, 26.5238,
18.9152

■ 31.6515, 33.7728,
36.4088

■ 15.6568, 25.9456,
16.7581

■ 35.5482, 35.7032,
40.1320

■ 14.7390, 25.5148,
14.8021

■ 39.8982, 37.8625,
44.0988

■ 14.0829, 25.2149,
13.0407

■ 44.7161, 40.2579,
48.3138

■ 13.6957, 25.0421,
11.8077

■ 50.0157, 42.8965,
52.7812

■ 55.8102, 45.7851,
57.5055

■ 62.1123, 48.9302,
62.4906

Harmonies

Analogous

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



24.0572, 29.2730, 20.6196



22.5239, 29.2730, 26.6534



22.3457, 29.2730, 35.3270

Triad

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



22.5239, 29.2730, 26.6534



29.0042, 29.2730, 51.8615



32.5831, 29.2730, 21.8468

Complementary

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



22.5239, 29.2730, 26.6534



23.5241, 19.4511, 24.3456

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.



34.1295, 29.2730, 28.6524



22.5239, 29.2730, 26.6534



31.9628, 29.2730, 46.6191

Square

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



22.5239, 29.2730, 26.6534



25.9352, 29.2730, 51.0510



33.8944, 29.2730, 37.7338



29.8005, 29.2730, 18.2236

Rectangle

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



22.5239, 29.2730, 26.6534



23.0028, 29.2730, 41.6231



33.8944, 29.2730, 37.7338



33.2738, 29.2730, 23.7789

Sweetspot

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



22.5247, 29.2742, 26.6541



52.4404, 58.8387, 61.0714



24.4758, 30.4625, 18.5001



11.6434, 13.1766, 13.5842



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.5247, 29.2742, 26.6541



37.7881, 51.6355, 44.5637



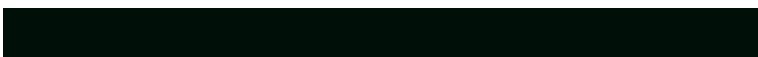
24.4628, 30.0495, 36.8600



6.6848, 7.4547, 7.7746



10.9883, 20.0633, 9.5616



0.2178, 0.3673, 0.2834

Inverse Universe

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



23.5241, 19.4511, 24.3456



39.9026, 30.8555, 39.6817



22.0129, 18.8467, 16.3878



6.7618, 6.6976, 7.5966



12.3987, 6.2640, 6.3504



0.2430, 0.1205, 0.2258

Previews

White Background



This preview shows how the XYZ color 22.5239, 29.2730, 26.6534 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 22.5239, 29.2730, 26.6534 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 22.5239, 29.2730, 26.6534

Background



This preview shows how black text looks on a background with the XYZ color 22.5239, 29.2730, 26.6534.



This preview shows how white text looks on a background with the XYZ color 22.5239, 29.2730,

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

22.5239, 29.2730, 26.6534

Protanopia

27.4361, 28.9601, 24.2225

Deuteranopia

29.6340, 29.1229, 27.3520



Tritanopia

25.2136, 29.1130, 40.3669

Trichromacy



Original Color

22.5239, 29.2730, 26.6534

Protanomaly

25.1853, 28.7160, 24.9842

Deuteranomaly

26.4647, 28.8584, 27.0971

Tritanomaly

24.1096, 29.1553, 34.9287

Monochromacy



Original Color

22.5239, 29.2730, 26.6534

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.8512, 27.2628, 27.6721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5239, 29.2730, 26.6534 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(107, 158, 133)` looks like.

```
.text, #text, p{  
    color:rgb(107, 158, 133)  
}
```

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(107, 158, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 158, 133) }
```

Border

The CSS property to change the border of an element to XYZ 22.5239, 29.2730, 26.6534 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(107, 158, 133) }
```


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

```
.border{ border-color:rgb(107, 158, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 158, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 158, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 158, 133);  
box-shadow:4px 4px 4px 4px rgb(107, 158,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5239, 29.2730, 26.6534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 158, 133) }
```

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

```
.background{ background-color: rgb(107,  
158, 133) }
```

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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