

Converting Colors

XYZ(22.1671, 30.7214, 8.5901)

Have a look what the booklet for
XYZ(22.1671, 30.7214, 8.5901)
contains.

XYZ(22.1479, 30.7749, 8.6437)	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(22.1479, 30.7749,
8.6437)**

Conversions

Conversions Part 1

Format	Color
Hex	7CA339
RGB	124, 163, 57
RGB Percent	49%, 64%, 22%
CMY	0.5137, 0.3608, 0.7765
CMYK	0.24, 0.00, 0.65, 0.36
HSL	82°, 48%, 43%
HSV	82°, 65%, 64%
XYZ	22.1479, 30.7749, 8.6437
YIQ	139.2550, 10.7820, -41.2340

Conversions

Conversions Part 2

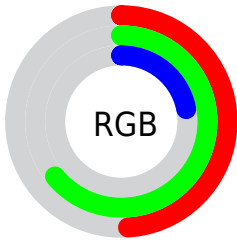
Format	Color
RYB	57, 163, 96
Decimal	8168249
CIELab	62.32, -29.89, 49.07
CIELCh	62, 57.461, 121.347
Yxy	30.7749, 0.3597, 0.4999
Android (android.graphics.Color)	4286358329 (0xFF7CA339)
YUV	139.2550, -40.5517, -13.3786
Hunter-Lab	55.4751, -25.8171, 29.5945

Details

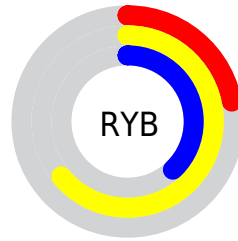
The XYZ color **22.1479, 30.7749, 8.6437** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **12.8991, 8.0582, 35.5277**, and the grayscale version is **24.7883, 26.0792, 28.4003**.

A 20% lighter version of the original color is **46.4221, 60.8306, 23.7628**, and **8.2830, 12.7085, 2.0164** is the 20% darker color. If you saturate the color by 10%, you get **20.9644, 30.2055, 6.7960**, and if you desaturate by 10%, it is **23.5161, 31.4265, 11.1827**.

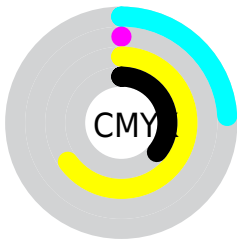
Distribution



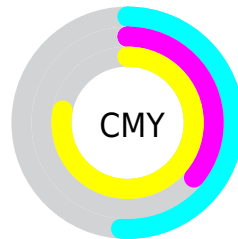
- Red (49%)
- Green (64%)
- Blue (22%)



- Red (22%)
- Yellow (64%)
- Blue (38%)



- Cyan (24%)
- Magenta (0%)
- Yellow (65%)
- Black (36%)



- Cyan (51%)
- Magenta (36%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1479, 30.7749, 8.6437 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 22.1479, 30.7749, 8.6437 by changing the saturation by 10% instead.

■ 22.1479, 30.7749,
8.6437

■ 22.1479, 30.7749,
8.6437

255.9355,
305.4999, 190.8164

■ 14.0828, 20.4275,
4.4159

■ 46.4674, 60.8855,
23.7777

■ 8.2604, 12.7062,
1.8562

■ 63.4525, 81.4175,
35.5210

■ 4.3152, 7.2265,
0.4646

■ 84.1416, 106.1131,
50.6064

■ 1.8820, 3.6042,
0.0000

■ 108.9001,
135.3568, 69.4527

■ 0.5663, 1.4547,
0.0000

■ 138.0935,
169.5330, 92.4783

■ 0.0000, 0.2565,
0.0000

■ 172.0869,

■ 0.0000, 0.0000,

209.0259, 120.1018

0.0000

211.2458,
254.2201, 152.7416

■ 22.1479, 30.7749,
8.6437

■ 22.1479, 30.7749,
8.6437

■ 20.9644, 30.2055,
6.7960

■ 23.5161, 31.4265,
11.1827

■ 19.9496, 29.7084,
5.5691

■ 25.0791, 32.1611,
14.4706

■ 19.0869, 29.2781,
4.8779

■ 26.8486, 32.9846,
18.5612

■ 18.6943, 29.0808,
4.6279

■ 28.8346, 33.9011,
23.5027

■ 31.0464, 34.9144,
29.3397

■ 33.4926, 36.0280,
36.1136

■ 36.1814, 37.2454,
43.8631

■ 39.1206, 38.5698,
52.6248

■ 42.3175, 40.0040,
62.4336

Harmonies

Analogous

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



28.9009, 30.7749, 6.3562



22.1479, 30.7749, 8.6437



18.0033, 30.7749, 16.8972

Triad

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



22.1479, 30.7749, 8.6437



22.6570, 30.7749, 86.8117



46.8687, 30.7749, 32.5130

Complementary

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



22.1479, 30.7749, 8.6437



12.8991, 8.0582, 35.5277

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.



44.4138, 30.7749, 58.4911



22.1479, 30.7749, 8.6437



29.6032, 30.7749, 97.0490

Square

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



22.1479, 30.7749, 8.6437



18.2586, 30.7749, 61.0528



37.7295, 30.7749, 84.9284



43.9515, 30.7749, 15.8175

Rectangle

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



22.1479, 30.7749, 8.6437



16.8293, 30.7749, 27.4760



37.7295, 30.7749, 84.9284



46.6419, 30.7749, 40.3654

Sweetspot

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



22.1486, 30.7763, 8.6444



53.4319, 61.5345, 46.7550



20.0147, 16.4244, 5.9866



11.7667, 13.7131, 9.8894



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



22.1486, 30.7763, 8.6444



36.7052, 53.6841, 11.0708



16.4450, 27.8360, 8.3774



7.3955, 8.1064, 7.5550



14.5793, 22.6264, 3.5989



0.3557, 0.5009, 0.0779

Inverse Universe

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



12.8991, 8.0582, 35.5277



18.9392, 9.8790, 62.9648



20.4453, 11.9484, 35.8808



6.9351, 6.9809, 8.8850



6.6316, 2.8252, 27.1256



0.1902, 0.0856, 0.5723

Previews

White Background



This preview shows how the XYZ color 22.1479, 30.7749, 8.6437 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 22.1479, 30.7749, 8.6437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

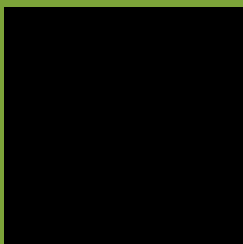
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 22.1479, 30.7749, 8.6437

Background



This preview shows how black text looks on a background with the XYZ color 22.1479, 30.7749, 8.6437.



This preview shows how white text looks on a background with the XYZ color 22.1479, 30.7749,

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

22.1479, 30.7749, 8.6437

Protanopia

27.7206, 30.4039, 7.8975

Deuteranopia

30.9694, 30.4429, 8.9464



Tritanopia

28.4993, 30.8174, 40.0436

Trichromacy



Original Color

22.1479, 30.7749, 8.6437

Protanomaly

25.3598, 30.3939, 8.1444

Deuteranomaly

26.8529, 29.9361, 8.7778

Tritanomaly

25.3386, 30.5258, 24.2953

Monochromacy



Original Color

22.1479, 30.7749, 8.6437

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.1817, 27.3523, 18.5257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1479, 30.7749, 8.6437 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(124, 163, 57)` looks like.

```
.text, #text, p{  
    color:rgb(124, 163, 57)  
}
```

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(124, 163, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 163, 57) }
```

Border

The CSS property to change the border of an element to XYZ 22.1479, 30.7749, 8.6437 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(124, 163, 57) }
```


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

```
.border{ border-color:rgb(124, 163, 57) }
```

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

Here you see how a box with a 4 pixel rgb(124, 163, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 163, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 163, 57);  
box-shadow:4px 4px 4px 4px rgb(124, 163,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1479, 30.7749, 8.6437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 163, 57) }
```

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

```
.background{ background-color: rgb(124,  
163, 57) }
```

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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