

Converting Colors

XYZ(14.2171, 22.5056, 7.3361)

Have a look what the booklet for
XYZ(14.2171, 22.5056, 7.3361)
contains.

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Color

**XYZ(14.2171, 22.5056,
7.3361)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9238
RGB	79, 146, 56
RGB Percent	31%, 57%, 22%
CMY	0.6902, 0.4274, 0.7804
CMYK	0.46, 0.00, 0.62, 0.43
HSL	105°, 45%, 40%
HSV	105°, 62%, 57%
XYZ	14.2171, 22.5056, 7.3361
YIQ	115.7070, -11.0420, -42.1940

Conversions

Conversions Part 2

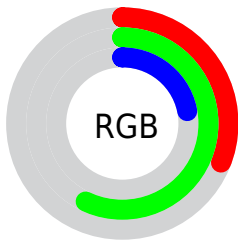
Format	Color
RYB	56, 146, 123
Decimal	5214776
CIELab	54.56, -38.72, 40.27
CIELCh	55, 55.866, 133.874
Yxy	22.5056, 0.3227, 0.5108
Android (android.graphics.Color)	4283404856 (0xFF4F9238)
YUV	115.7070, -29.4356, -32.1920
Hunter-Lab	47.4401, -29.5263, 24.0395

Details


The XYZ color **14.2171, 22.5056, 7.3361** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **14.7723, 9.1155, 28.1764**, and the grayscale version is **16.6008, 17.4654, 19.0198**.

A 20% lighter version of the original color is **33.1610, 47.8004, 21.1143**, and **4.4069, 8.3460, 1.4074** is the 20% darker color. If you saturate the color by 10%, you get **13.0796, 21.9553, 5.6833**, and if you desaturate by 10%, it is **15.6077, 23.1757, 9.5454**.

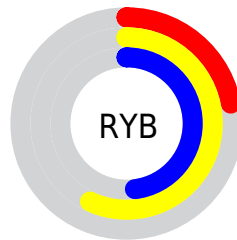
Distribution



 Red (31%)

 Green (57%)

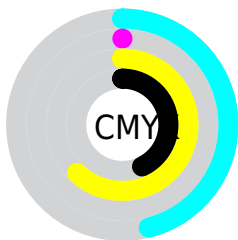
 Blue (22%)




 Red (22%)

 Yellow (57%)

 Blue (48%)

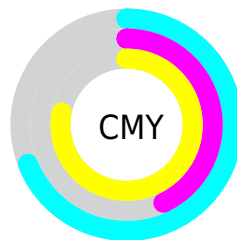


 Cyan (46%)

 Magenta (0%)

 Yellow (62%)

 Black (43%)



 Cyan (69%)

 Magenta (43%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2171, 22.5056, 7.3361 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 14.2171, 22.5056, 7.3361 by changing the saturation by 10% instead.

■ 14.2171, 22.5056,
7.3361

■ 14.2171, 22.5056,
7.3361

212.0610,
265.1754, 180.1635

■ 8.3545, 14.2289,
3.5916

■ 33.0568, 47.5802,
21.1705

■ 4.3763, 8.2800,
1.4041

■ 46.7646, 65.1469,
32.0974

■ 1.9172, 4.2746,
0.1449

■ 63.8183, 86.5791,
46.2556

■ 0.5868, 1.8284,
0.0000

■ 84.5831, 112.2611,
64.0635

■ 0.0000, 0.5048,
0.0000

■ 109.4244,
142.5773, 85.9397

■ 0.0000, 0.0000,
0.0000

■ 138.7076,

177.9122, 112.3027

172.7980,
218.6501, 143.5711

■ 14.2171, 22.5056,
7.3361

■ 14.2171, 22.5056,
7.3361

■ 13.0796, 21.9553,
5.6833

■ 15.6077, 23.1757,
9.5454

■ 12.1771, 21.5145,
4.5359

■ 17.2648, 23.9695,
12.3534

■ 11.4913, 21.1758,
3.8360

■ 19.2025, 24.8942,
15.7998

■ 11.0534, 20.9578,
3.4627

■ 21.4336, 25.9555,
19.9207

■ 23.9700, 27.1588,
24.7493

■ 26.8229, 28.5092,
30.3166

■ 30.0030, 30.0117,
36.6519

■ 33.5203, 31.6708,
43.7829

■ 37.3846, 33.4909,
51.7358

Harmonies

Analogous

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



18.6870, 22.5056, 4.1707



14.2171, 22.5056, 7.3361



11.9477, 22.5056, 16.2733

Triad

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



14.2171, 22.5056, 7.3361



18.2811, 22.5056, 73.3460



34.9967, 22.5056, 17.2684

Complementary

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



14.2171, 22.5056, 7.3361



14.7723, 9.1155, 28.1764

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.



34.8305, 22.5056, 35.1281



14.2171, 22.5056, 7.3361



24.3438, 22.5056, 74.0614

Square

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



14.2171, 22.5056, 7.3361



13.9691, 22.5056, 56.1391



30.6449, 22.5056, 57.7852



31.0630, 22.5056, 7.7640

Rectangle

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



14.2171, 22.5056, 7.3361



11.6539, 22.5056, 26.8572



30.6449, 22.5056, 57.7852



35.4386, 22.5056, 22.2939

Sweetspot

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



14.2176, 22.5066, 7.3366



39.2161, 46.4541, 37.7930



19.5284, 20.3167, 6.6340



8.4721, 10.2146, 7.9320



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.



14.2176, 22.5066, 7.3366



22.4117, 38.4077, 9.1448



13.2501, 21.9355, 10.5573



5.8603, 6.5358, 6.1931



9.7449, 18.4515, 3.0479



0.1433, 0.2382, 0.0384

Inverse Universe

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



14.7723, 9.1155, 28.1764



23.3945, 12.6373, 49.1798



16.9708, 10.4207, 20.5200



5.8921, 5.8354, 7.2855



10.1039, 4.6813, 24.3021



0.1509, 0.0714, 0.2987

Previews

White Background



This preview shows how the XYZ color 14.2171, 22.5056, 7.3361 looks on a white background.

Color Contrast Check

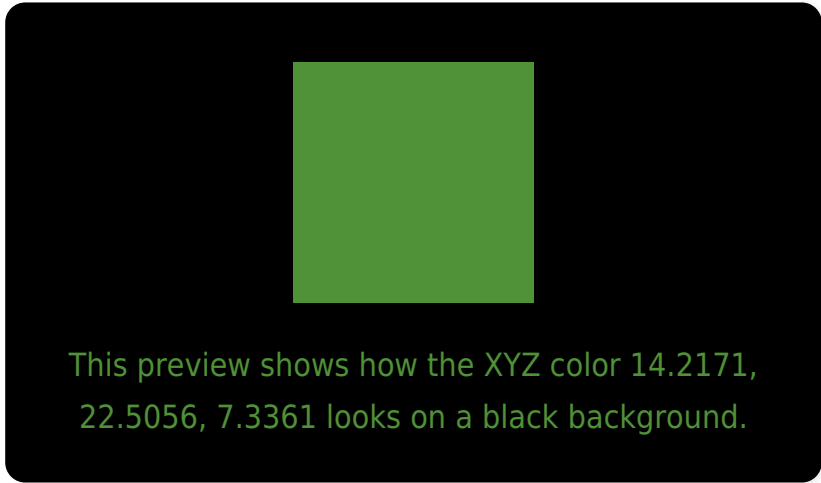
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 14.2171, 22.5056, 7.3361

Background



This preview shows how black text looks on a background with the XYZ color 14.2171, 22.5056, 7.3361.



This preview shows how white text looks on a background with the XYZ color 14.2171, 22.5056,

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

14.2171, 22.5056, 7.3361

Protanopia

20.2572, 22.2240, 6.3540

Deuteranopia

22.6021, 22.2478, 7.8056



Tritanopia

19.0103, 22.4623, 31.3507

Trichromacy



Original Color

14.2171, 22.5056, 7.3361

Protanomaly

17.3319, 21.9303, 6.6876

Deuteranomaly

18.4269, 21.6541, 7.4834

Tritanomaly

16.5924, 22.1178, 19.6143

Monochromacy



Original Color

14.2171, 22.5056, 7.3361

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.2033, 18.8705, 13.4307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2171, 22.5056, 7.3361 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(79, 146, 56)` looks like.

```
.text, #text, p{  
    color:rgb(79, 146, 56)  
}
```

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(79, 146, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 146, 56) }
```

Border

The CSS property to change the border of an element to XYZ 14.2171, 22.5056, 7.3361 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(79, 146, 56) }
```


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

```
.border{ border-color:rgb(79, 146, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 146, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 146, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 146, 56);  
box-shadow:4px 4px 4px 4px rgb(79, 146,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2171, 22.5056, 7.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 146, 56) }
```

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

```
.background{ background-color: rgb(79, 146,  
56) }
```

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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