

Converting Colors

XYZ(20.9652, 29.2081, 14.5956)

Have a look what the booklet for
XYZ(20.9652, 29.2081, 14.5956)
contains.

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Color

**XYZ(21.0581, 29.2938,
14.6696)**

Conversions

Conversions Part 1

Format	Color
Hex	6FA05C
RGB	111, 160, 92
RGB Percent	44%, 63%, 36%
CMY	0.5647, 0.3725, 0.6392
CMYK	0.31, 0.00, 0.43, 0.37
HSL	103°, 27%, 49%
HSV	103°, 43%, 63%
XYZ	21.0581, 29.2938, 14.6696
YIQ	137.5970, -7.3760, -31.5360

Conversions

Conversions Part 2

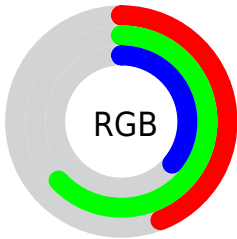
Format	Color
R_{YB}	92, 160, 141
Decimal	7315548
CIE _{Lab}	61.04, -29.52, 30.30
CIE _{LCh}	61, 42.301, 134.254
Yxy	29.2938, 0.3239, 0.4505
Android (android.graphics.Color)	4285505628 (0xFF6FA05C)
YUV	137.5970, -22.4793, -23.3256
Hunter-Lab	54.1237, -25.2670, 21.8168

Details

The XYZ color **21.0581, 29.2938, 14.6696** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.1581, 15.8560, 35.2046**, and the grayscale version is **24.0894, 25.3440, 27.5996**.

A 20% lighter version of the original color is **44.5682, 58.4766, 34.9247**, and **7.6807, 11.8676, 4.2687** is the 20% darker color. If you saturate the color by 10%, you get **19.0731, 28.3438, 11.3034**, and if you desaturate by 10%, it is **23.3796, 30.4020, 18.8239**.

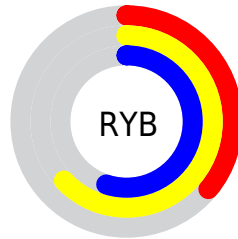
Distribution



Red (44%)

Green (63%)

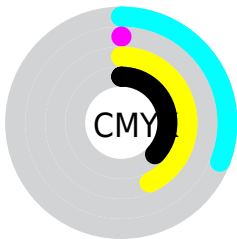
Blue (36%)



Red (36%)

Yellow (63%)

Blue (55%)

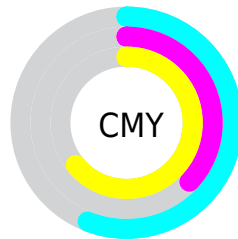


Cyan (31%)

Magenta (0%)

Yellow (43%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0581, 29.2938, 14.6696 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 21.0581, 29.2938, 14.6696 by changing the saturation by 10% instead.

■ 21.0581, 29.2938,
14.6696

■ 21.0581, 29.2938,
14.6696

250.3130,
298.5987, 232.9291

■ 13.2792, 19.3032,
8.4438

■ 44.6748, 58.5436,
35.0066

■ 7.6994, 11.8896,
4.2884

■ 61.2432, 78.5715,
49.9548

■ 3.9534, 6.6685,
1.7849

■ 81.4722, 102.7140,
68.6476

■ 1.6758, 3.2557,
0.4179

■ 105.7271,
131.3554, 91.5036

■ 0.4410, 1.2666,
0.0000

134.3733,
164.8802, 118.9411

■ 0.0000, 0.1151,
0.0000

167.7761,

■ 0.0000, 0.0000,

203.6728, 151.3789

0.0000

206.3009,
248.1175, 189.2353

■ 21.0581, 29.2938,
14.6696

■ 21.0581, 29.2938,
14.6696

■ 19.0731, 28.3438,
11.3034

■ 23.3796, 30.4020,
18.8239

■ 17.4059, 27.5408,
8.6737

■ 26.0508, 31.6714,
23.8098

■ 16.0392, 26.8780,
6.7256


■ 29.0867, 33.1099,
29.6699


■ 14.9530, 26.3464,
5.3959


■ 32.5006, 34.7235,
36.4433


■ 14.1244, 25.9357,
4.6095


■ 36.3055, 36.5179,
44.1667

 13.6405, 25.6939,
4.2405

 40.5135, 38.4988,
52.8749

 45.1362, 40.6714,
62.6009

 50.1846, 43.0408,
73.3760

 55.6697, 45.6117,
85.2305

Harmonies

Analogous

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



25.3043, 29.2938, 10.5393



21.0581, 29.2938, 14.6696



18.8061, 29.2938, 24.3205

Triad

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



21.0581, 29.2938, 14.6696



25.0541, 29.2938, 71.1341



39.4813, 29.2938, 24.9657

Complementary

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



21.0581, 29.2938, 14.6696



21.1581, 15.8560, 35.2046

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.



39.3909, 29.2938, 40.9007



21.0581, 29.2938, 14.6696



30.5458, 29.2938, 71.4852

Square

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



21.0581, 29.2938, 14.6696



20.8959, 29.2938, 58.2375



35.9478, 29.2938, 59.0796



36.1805, 29.2938, 15.0064

Rectangle

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



21.0581, 29.2938, 14.6696



18.5227, 29.2938, 34.2103



35.9478, 29.2938, 59.0796



39.8590, 29.2938, 29.6884

Sweetspot

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



21.0588, 29.2951, 14.6702



52.3733, 59.9083, 53.0141



25.9158, 27.2187, 14.0135



11.2232, 13.0143, 11.1144



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.



21.0588, 29.2951, 14.6702



34.8014, 51.5444, 20.8049



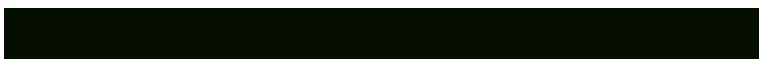
19.6252, 28.4742, 18.2988



6.7161, 7.4863, 7.0767



10.6635, 20.0340, 3.3049



0.2286, 0.3778, 0.0609

Inverse Universe

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



21.1581, 15.8560, 35.2046



34.9789, 23.8219, 63.1410



23.4569, 17.1812, 28.9772



6.7234, 6.6614, 8.3381



10.5253, 4.8550, 26.2896



0.2267, 0.1067, 0.4719

Previews

White Background



This preview shows how the XYZ color 21.0581, 29.2938, 14.6696 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 21.0581, 29.2938, 14.6696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

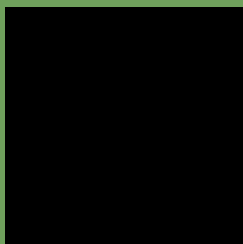
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.0581, 29.2938, 14.6696

Background



This preview shows how black text looks on a background with the XYZ color 21.0581, 29.2938, 14.6696.



This preview shows how white text looks on a background with the XYZ color 21.0581, 29.2938,

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

21.0581, 29.2938, 14.6696

Protanopia

26.8520, 29.1326, 13.2247

Deuteranopia

29.4402, 28.8493, 15.3261



Tritanopia

26.0975, 29.3478, 39.4112

Trichromacy



Original Color

21.0581, 29.2938, 14.6696

Protanomaly

24.3591, 29.0174, 13.7682

Deuteranomaly

25.4482, 28.3691, 14.9610

Tritanomaly

23.9165, 29.1996, 28.4203

Monochromacy



Original Color

21.0581, 29.2938, 14.6696

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

22.6322, 26.5274, 22.0166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0581, 29.2938, 14.6696 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(111, 160, 92)` looks like.

```
.text, #text, p{  
    color:rgb(111, 160, 92)  
}
```

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(111, 160, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 160, 92) }
```

Border

The CSS property to change the border of an element to XYZ 21.0581, 29.2938, 14.6696 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(111, 160, 92) }
```


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

```
.border{ border-color:rgb(111, 160, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 160, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 160, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 160, 92);  
box-shadow:4px 4px 4px 4px rgb(111, 160,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0581, 29.2938, 14.6696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 160, 92) }
```

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

```
.background{ background-color: rgb(111,  
160, 92) }
```

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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