

Converting Colors

XYZ(20.5032, 30.1564, 10.2090)

Have a look what the booklet for
XYZ(20.5032, 30.1564, 10.2090)
contains.

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Color

**XYZ(20.5032, 30.1564,
10.2090)**

Conversions

Conversions Part 1

Format	Color
Hex	6CA444
RGB	108, 164, 68
RGB Percent	42%, 64%, 27%
CMY	0.5765, 0.3568, 0.7333
CMYK	0.34, 0.00, 0.59, 0.36
HSL	95°, 41%, 45%
HSV	95°, 59%, 64%
XYZ	20.5032, 30.1564, 10.2090
YIQ	136.3120, -2.5600, -41.7280

Conversions

Conversions Part 2

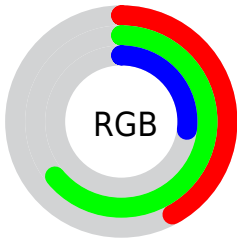
Format	Color
RYB	68, 164, 124
Decimal	7119940
CIELab	61.79, -35.43, 43.26
CIELCh	62, 55.915, 129.317
Yxy	30.1564, 0.3368, 0.4954
Android (android.graphics.Color)	4285310020 (0xFF6CA444)
YUV	136.3120, -33.6778, -24.8296
Hunter-Lab	54.9148, -29.4556, 27.4180

Details

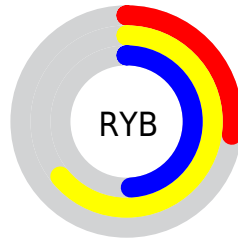
The XYZ color **20.5032, 30.1564, 10.2090** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **17.0815, 11.1006, 36.3659**, and the grayscale version is **23.6427, 24.8739, 27.0877**.

A 20% lighter version of the original color is **43.5616, 59.6763, 26.6755**, and **7.4559, 12.4351, 2.4592** is the 20% darker color. If you saturate the color by 10%, you get **18.9708, 29.4173, 7.8803**, and if you desaturate by 10%, it is **22.3048, 31.0199, 13.2824**.

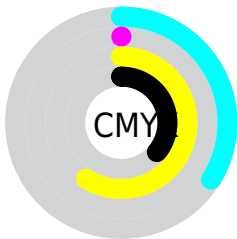
Distribution



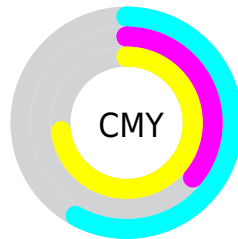
- Red (42%)
- Green (64%)
- Blue (27%)



- Red (27%)
- Yellow (64%)
- Blue (49%)



- Cyan (34%)
- Magenta (0%)
- Yellow (59%)
- Black (36%)



- Cyan (58%)
- Magenta (36%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5032, 30.1564, 10.2090 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 20.5032, 30.1564, 10.2090 by changing the saturation by 10% instead.

■ 20.5032, 30.1564,
10.2090

■ 20.5032, 30.1564,
10.2090

247.4083,
302.6328, 202.6960

■ 12.8717, 19.9573,
5.4303

■ 43.7568, 59.9094,
26.8018

■ 7.4167, 12.3640,
2.4388

■ 60.1096, 80.2322,
39.4530

■ 3.7727, 6.9921,
0.8074

■ 80.1002, 104.6983,
55.5655

■ 1.5743, 3.4572,
0.0000

■ 104.0941,
133.6921, 75.5579

■ 0.3756, 1.3748,
0.0000

■ 132.4564,
167.5981, 99.8485

■ 0.0000, 0.1980,
0.0000

165.5527,

■ 0.0000, 0.0000,

206.8006, 128.8561

0.0000

203.7482,
251.6840, 162.9991

■ 20.5032, 30.1564,
10.2090

■ 20.5032, 30.1564,
10.2090

■ 18.9708, 29.4173,
7.8803

■ 22.3048, 31.0199,
13.2824

■ 17.6894, 28.7919,
6.2310

■ 24.3879, 32.0103,
17.1548

■ 16.6412, 28.2736,
5.1875

■ 26.7668, 33.1346,
21.8774

■ 15.7956, 27.8495,
4.6119

■ 29.4537, 34.3981,
27.4969

■ 15.6830, 27.7930,
4.5380

■ 32.4603, 35.8060,
34.0565

■ 35.7975, 37.3630,
41.5965

■ 39.4759, 39.0736,
50.1549

■ 43.5054, 40.9423,
59.7678

■ 47.8953, 42.9731,
70.4693

Harmonies

Analogous

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



26.4034, 30.1564, 6.6954



20.5032, 30.1564, 10.2090



17.2314, 30.1564, 20.3611

Triad

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



20.5032, 30.1564, 10.2090



23.8904, 30.1564, 88.1902



45.2697, 30.1564, 26.6252

Complementary

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



20.5032, 30.1564, 10.2090



17.0815, 11.1006, 36.3659

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.



44.2801, 30.1564, 49.5812



20.5032, 30.1564, 10.2090



31.0475, 30.1564, 92.3207

Square

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



20.5032, 30.1564, 10.2090



18.9385, 30.1564, 66.3350



38.7424, 30.1564, 75.9573



41.2496, 30.1564, 13.0826

Rectangle

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



20.5032, 30.1564, 10.2090



16.5821, 30.1564, 32.3480



38.7424, 30.1564, 75.9573



45.5254, 30.1564, 33.3273

Sweetspot

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



20.5039, 30.1577, 10.2097



53.5628, 62.4833, 50.1273



23.5621, 22.7264, 8.6141



11.4005, 13.5148, 10.3007



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.



20.5039, 30.1577, 10.2097



33.7423, 53.0589, 13.3524



16.9648, 28.3030, 11.4069



7.2521, 8.0325, 7.5483



12.0763, 21.3361, 3.4818



0.3070, 0.4758, 0.0757

Inverse Universe

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



17.0815, 11.1006, 36.3659



26.9096, 15.2108, 65.2700



23.3789, 14.4279, 33.0067



7.0777, 7.0544, 8.8917



8.8653, 3.9767, 27.2301



0.2383, 0.1104, 0.5746

Previews

White Background



This preview shows how the XYZ color 20.5032, 30.1564, 10.2090 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 20.5032, 30.1564, 10.2090 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 20.5032, 30.1564, 10.2090

Background



This preview shows how black text looks on a background with the XYZ color 20.5032, 30.1564, 10.2090.



This preview shows how white text looks on a background with the XYZ color 20.5032, 30.1564,

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

20.5032, 30.1564, 10.2090

Protanopia

27.1617, 29.8531, 9.0333

Deuteranopia

30.4375, 29.9077, 10.6471



Tritanopia

26.6069, 30.0753, 40.4792

Trichromacy



Original Color

20.5032, 30.1564, 10.2090

Protanomaly

24.0113, 29.4221, 9.4145

Deuteranomaly

25.7863, 29.3485, 10.4366

Tritanomaly

23.7273, 29.9170, 25.6431

Monochromacy



Original Color

20.5032, 30.1564, 10.2090

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

21.7523, 26.1411, 18.9382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5032, 30.1564, 10.2090 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(108, 164, 68)` looks like.

```
.text, #text, p{  
    color:rgb(108, 164, 68)  
}
```

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(108, 164, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 164, 68) }
```

Border

The CSS property to change the border of an element to XYZ 20.5032, 30.1564, 10.2090 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(108, 164, 68) }
```


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

```
.border{ border-color:rgb(108, 164, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 164, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 164, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 164, 68);  
box-shadow:4px 4px 4px 4px rgb(108, 164,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5032, 30.1564, 10.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 164, 68) }
```

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

```
.background{ background-color: rgb(108,  
164, 68) }
```

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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