

Converting Colors

XYZ(20.9361, 30.9352, 9.4251)

Have a look what the booklet for
XYZ(20.9361, 30.9352, 9.4251)
contains.

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Color

**XYZ(20.9361, 30.9352,
9.4251)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA63E
RGB	110, 166, 62
RGB Percent	43%, 65%, 24%
CMY	0.5686, 0.3490, 0.7568
CMYK	0.34, 0.00, 0.63, 0.35
HSL	92°, 46%, 45%
HSV	92°, 63%, 65%
XYZ	20.9361, 30.9352, 9.4251
YIQ	137.4000, 0.0080, -44.2160

Conversions

Conversions Part 2

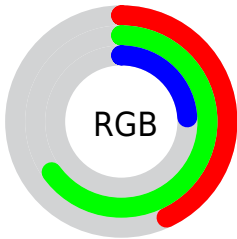
Format	Color
RYB	62, 166, 118
Decimal	7251518
CIELab	62.45, -36.19, 46.79
CIELCh	62, 59.157, 127.723
Yxy	30.9352, 0.3416, 0.5047
Android (android.graphics.Color)	4285441598 (0xFF6EA63E)
YUV	137.4000, -37.1722, -24.0298
Hunter-Lab	55.6194, -30.1435, 28.8865

Details

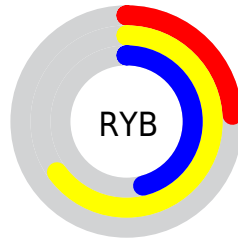
The XYZ color **20.9361, 30.9352, 9.4251** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **16.0782, 10.0510, 37.1707**, and the grayscale version is **24.0666, 25.3200, 27.5735**.

A 20% lighter version of the original color is **44.4108, 60.9271, 25.3390**, and **7.6646, 12.8820, 2.1686** is the 20% darker color. If you saturate the color by 10%, you get **19.4919, 30.2365, 7.3324**, and if you desaturate by 10%, it is **22.6331, 31.7501, 12.2572**.

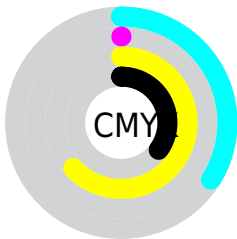
Distribution



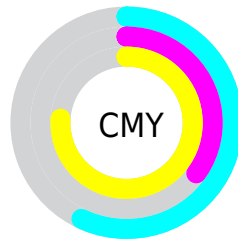
- Red (43%)
- Green (65%)
- Blue (24%)



- Red (24%)
- Yellow (65%)
- Blue (46%)



- Cyan (34%)
- Magenta (0%)
- Yellow (63%)
- Black (35%)





- Cyan (57%)
- Magenta (35%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.9361, 30.9352, 9.4251 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 20.9361, 30.9352, 9.4251 by changing the saturation by 10% instead.


 20.9361, 30.9352,
9.4251


 20.9361, 30.9352,
9.4251


249.6769,
306.2397, 196.8516


 13.1895, 20.5495,
4.9189


 44.4732, 61.1380,
25.2991

 7.6371, 12.7951,
2.1418


 60.9945, 81.7240,
37.5040


 3.9134, 7.2876,
0.6405


 81.1713, 106.4788,
53.1121

 1.6533, 3.6426,
0.0000

 105.3691,
135.7868, 72.5422

 0.4268, 1.4757,
0.0000

 133.9532,
170.0326, 96.2126

 0.0000, 0.2716,
0.0000

167.2890,

 0.0000, 0.0000,

209.6004, 124.5419

0.0000

205.7417,
254.8746, 157.9487

■ 20.9361, 30.9352,
9.4251

■ 20.9361, 30.9352,
9.4251

■ 19.4919, 30.2365,
7.3324

■ 22.6331, 31.7501,
12.2572

■ 18.2820, 29.6430,
5.9078

■ 24.5955, 32.6834,
15.8874

■ 17.2878, 29.1481,
5.0693

■ 26.8372, 33.7422,
20.3706

■ 16.6661, 28.8354,
4.6874

■ 29.3707, 34.9316,
25.7565

■ 32.2074, 36.2567,
32.0909

■ 35.3581, 37.7221,
39.4164

■ 38.8330, 39.3321,
47.7731

■ 42.6420, 41.0911,
57.1988

■ 46.7943, 43.0029,
67.7296

Harmonies

Analogous

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



27.3777, 30.9352, 6.1277



20.9361, 30.9352, 9.4251



17.3105, 30.9352, 19.5541

Triad

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



20.9361, 30.9352, 9.4251



23.9326, 30.9352, 93.3608



47.4980, 30.9352, 28.0866

Complementary

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



20.9361, 30.9352, 9.4251



16.0782, 10.0510, 37.1707

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.



46.1185, 30.9352, 53.3673



20.9361, 30.9352, 9.4251



31.5258, 30.9352, 99.1960

Square

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



20.9361, 30.9352, 9.4251



18.8084, 30.9352, 68.6033



39.8910, 30.9352, 82.1259



43.3754, 30.9352, 13.2338

Rectangle

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



20.9361, 30.9352, 9.4251



16.5223, 30.9352, 31.9576



39.8910, 30.9352, 82.1259



47.6741, 30.9352, 35.4698

Sweetspot

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



20.9368, 30.9365, 9.4258



54.9378, 64.1598, 50.3388



23.0124, 21.2876, 7.4539



11.9866, 14.2139, 10.5880



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



20.9368, 30.9365, 9.4258



34.5040, 54.4487, 12.2043



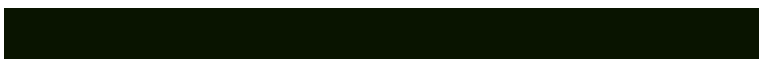
16.5915, 28.6851, 9.7350



7.7534, 8.5710, 8.0350



12.9760, 22.3866, 3.6371



0.3751, 0.5753, 0.0913

Inverse Universe

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



16.0782, 10.0510, 37.1707



24.9283, 13.3792, 66.7439



24.0189, 14.1808, 35.9044



7.5031, 7.4920, 9.4690



8.6156, 3.8250, 28.2597



0.2677, 0.1230, 0.6903

Previews

White Background



This preview shows how the XYZ color 20.9361, 30.9352, 9.4251 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 20.9361, 30.9352, 9.4251 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 20.9361, 30.9352, 9.4251

Background



This preview shows how black text looks on a background with the XYZ color 20.9361, 30.9352, 9.4251.



This preview shows how white text looks on a background with the XYZ color 20.9361, 30.9352,

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

20.9361, 30.9352, 9.4251

Protanopia

27.9788, 30.7635, 8.4663

Deuteranopia

31.1463, 30.5137, 9.8784



Tritanopia

27.2467, 30.6298, 41.5219

Trichromacy



Original Color

20.9361, 30.9352, 9.4251

Protanomaly

24.7105, 30.2957, 8.6830

Deuteranomaly

26.1505, 29.7957, 9.5271

Tritanomaly

24.1063, 30.3743, 25.3612

Monochromacy



Original Color

20.9361, 30.9352, 9.4251

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.1568, 26.8176, 18.7604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9361, 30.9352, 9.4251 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(110, 166, 62)` looks like.

```
.text, #text, p{  
    color:rgb(110, 166, 62)  
}
```

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(110, 166, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 166, 62) }
```

Border

The CSS property to change the border of an element to XYZ 20.9361, 30.9352, 9.4251 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(110, 166, 62) }
```


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

```
.border{ border-color:rgb(110, 166, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 166, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 166, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 166, 62);  
box-shadow:4px 4px 4px 4px rgb(110, 166,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9361, 30.9352, 9.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 166, 62) }
```

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

```
.background{ background-color: rgb(110,  
166, 62) }
```

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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