

Converting Colors

XYZ(20.8321, 27.0505, 9.4335)

Have a look what the booklet for
XYZ(20.8321, 27.0505, 9.4335)
contains.

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Color

**XYZ(20.8321, 27.0505,
9.4335)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9743
RGB	127, 151, 67
RGB Percent	50%, 59%, 26%
CMY	0.5020, 0.4078, 0.7372
CMYK	0.16, 0.00, 0.56, 0.41
HSL	77°, 39%, 43%
HSV	77°, 56%, 59%
XYZ	20.8321, 27.0505, 9.4335
YIQ	134.2480, 12.6600, -31.2120

Conversions

Conversions Part 2

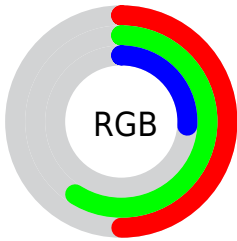
Format	Color
RYB	67, 151, 91
Decimal	8361795
CIELab	59.02, -21.90, 40.85
CIELCh	59, 46.350, 118.200
Yxy	27.0505, 0.3635, 0.4720
Android (android.graphics.Color)	4286551875 (0xFF7F9743)
YUV	134.2480, -33.1533, -6.3565
Hunter-Lab	52.0101, -19.5214, 25.6532

Details

The XYZ color **20.8321, 27.0505, 9.4335** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **11.9086, 8.4736, 30.2877**, and the grayscale version is **22.8669, 24.0577, 26.1988**.

A 20% lighter version of the original color is **44.1574, 54.7944, 25.3886**, and **7.5523, 10.6476, 2.1474** is the 20% darker color. If you saturate the color by 10%, you get **19.8082, 26.5692, 7.3216**, and if you desaturate by 10%, it is **22.0030, 27.5957, 12.1700**.

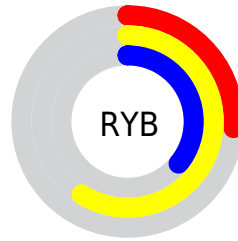
Distribution



Red (50%)

Green (59%)

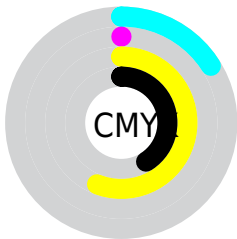
Blue (26%)



Red (26%)

Yellow (59%)

Blue (36%)

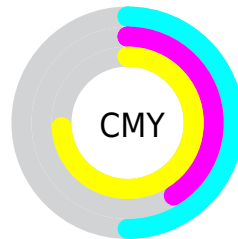


Cyan (16%)

Magenta (0%)

Yellow (56%)

Black (41%)



Cyan (50%)

Magenta (41%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8321, 27.0505, 9.4335 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 20.8321, 27.0505, 9.4335 by changing the saturation by 10% instead.

■ 20.8321, 27.0505,
9.4335

■ 20.8321, 27.0505,
9.4335

249.1335,
287.9015, 196.9153

■ 13.1131, 17.6112,
4.9243

■ 44.3013, 54.9649,
25.3153

■ 7.5840, 10.6712,
2.1450

■ 60.7822, 74.2087,
37.5251

■ 3.8795, 5.8462,
0.6424

■ 80.9145, 97.4895,
53.1387

■ 1.6342, 2.7518,
0.0000

■ 105.0635,
125.1917, 72.5749

■ 0.4145, 1.0036,
0.0000

■ 133.5945,
157.6995, 96.2521

■ 0.0000, 0.0000,
0.0000

166.8729,

195.3975, 124.5889

205.2641,
238.6701, 158.0037

■ 20.8321, 27.0505,
9.4335

■ 20.8321, 27.0505,
9.4335

■ 19.8082, 26.5692,
7.3216

■ 22.0030, 27.5957,
12.1700

■ 18.9195, 26.1442,
5.7832

■ 23.3277, 28.2046,
15.5735

■ 18.1557, 25.7723,
4.7617

■ 24.8147, 28.8817,
19.6849

■ 17.5014, 25.4472,
4.1789

■ 26.4714, 29.6300,
24.5410

■ 17.2337, 25.3134,
3.9777

■ 28.3047, 30.4523,
30.1762

■ 30.3209, 31.3511,
36.6229

■ 32.5262, 32.3289,
43.9115

■ 34.9264, 33.3881,
52.0708

■ 37.5269, 34.5309,
61.1284

Harmonies

Analogous

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



26.0595, 27.0505, 7.7877



20.8321, 27.0505, 9.4335



17.4126, 27.0505, 15.7208

Triad

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



20.8321, 27.0505, 9.4335



20.3138, 27.0505, 65.3912



38.4198, 27.0505, 30.4591

Complementary

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



20.8321, 27.0505, 9.4335



11.9086, 8.4736, 30.2877

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.



36.2981, 27.0505, 49.4872



20.8321, 27.0505, 9.4335



25.3650, 27.0505, 73.7890

Square

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



20.8321, 27.0505, 9.4335



17.1462, 27.0505, 47.0926



31.2970, 27.0505, 67.0982



36.7369, 27.0505, 16.8816

Rectangle

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



20.8321, 27.0505, 9.4335



16.3359, 27.0505, 23.4414



31.2970, 27.0505, 67.0982



38.1223, 27.0505, 36.4143

Sweetspot

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



20.8327, 27.0517, 9.4341



46.8746, 52.8223, 42.3616



17.5006, 14.4335, 7.1741



10.5285, 11.9492, 9.2560



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.8327, 27.0517, 9.4341



35.0171, 47.3633, 12.2665



15.8452, 24.4805, 9.2007



6.5368, 7.1342, 6.6384



14.6893, 21.5485, 3.3851



0.2547, 0.3403, 0.0523

Inverse Universe

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



11.9086, 8.4736, 30.2877



17.4059, 10.6062, 53.5635



17.2354, 11.2197, 30.5370



6.0420, 6.1076, 7.7894



5.6302, 2.3535, 25.0652



0.1167, 0.0519, 0.3762

Previews

White Background



This preview shows how the XYZ color 20.8321, 27.0505, 9.4335 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 20.8321, 27.0505, 9.4335 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 20.8321, 27.0505, 9.4335

Background



This preview shows how black text looks on a background with the XYZ color 20.8321, 27.0505, 9.4335.



This preview shows how white text looks on a background with the XYZ color 20.8321, 27.0505,

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

20.8321, 27.0505, 9.4335

Protanopia

24.5030, 26.8843, 8.7482

Deuteranopia

27.2569, 26.7815, 9.6940



Tritanopia

25.7393, 26.9643, 33.9850

Trichromacy



Original Color

20.8321, 27.0505, 9.4335

Protanomaly

22.9336, 26.7434, 8.9543

Deuteranomaly

24.5350, 26.6600, 9.6471

Tritanomaly

23.3111, 26.6425, 22.3262

Monochromacy



Original Color

20.8321, 27.0505, 9.4335

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.5526, 24.7073, 18.3849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8321, 27.0505, 9.4335 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(127, 151, 67)` looks like.

```
.text, #text, p{  
    color:rgb(127, 151, 67)  
}
```

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(127, 151, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 151, 67) }
```

Border

The CSS property to change the border of an element to XYZ 20.8321, 27.0505, 9.4335 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(127, 151, 67) }
```


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

```
.border{ border-color:rgb(127, 151, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 151, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 151, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 151, 67);  
box-shadow:4px 4px 4px 4px rgb(127, 151,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8321, 27.0505, 9.4335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 151, 67) }
```

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

```
.background{ background-color: rgb(127,  
151, 67) }
```

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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