

Converting Colors

XYZ(20.4203, 27.0967, 19.6310)

Have a look what the booklet for
XYZ(20.4203, 27.0967, 19.6310)
contains.

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Color

**XYZ(20.4353, 27.1005,
19.7767)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9971
RGB	107, 153, 113
RGB Percent	42%, 60%, 44%
CMY	0.5804, 0.4000, 0.5569
CMYK	0.30, 0.00, 0.26, 0.40
HSL	128°, 18%, 51%
HSV	128°, 30%, 60%
XYZ	20.4353, 27.1005, 19.7767
YIQ	134.6860, -14.5760, -22.1920

Conversions

Conversions Part 2

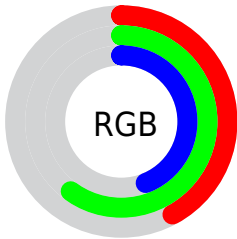
Format	Color
RYB	107, 148, 153
Decimal	7051633
CIELab	59.07, -24.03, 16.16
CIELCh	59, 28.958, 146.075
Yxy	27.1005, 0.3036, 0.4026
Android (android.graphics.Color)	4285241713 (0xFF6B9971)
YUV	134.6860, -10.6912, -24.2806
Hunter-Lab	52.0581, -21.0320, 13.9166

Details

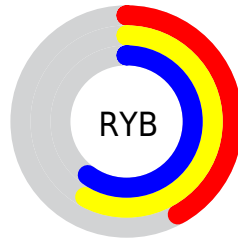
The XYZ color **20.4353, 27.1005, 19.7767** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.6619, 19.3949, 30.1014**, and the grayscale version is **22.9556, 24.1511, 26.3005**.

A 20% lighter version of the original color is **43.8446, 55.3019, 43.9608**, and **7.3928, 10.7543, 6.6872** is the 20% darker color. If you saturate the color by 10%, you get **18.0612, 25.9577, 16.0383**, and if you desaturate by 10%, it is **23.2462, 28.4574, 24.1100**.

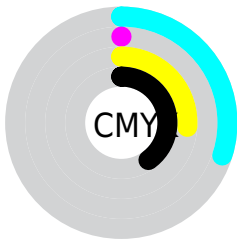
Distribution



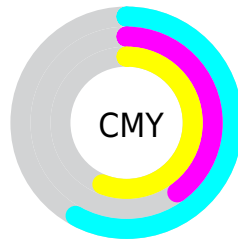
- Red (42%)
- Green (60%)
- Blue (44%)



- Red (42%)
- Yellow (58%)
- Blue (60%)



- Cyan (30%)
- Magenta (0%)
- Yellow (26%)
- Black (40%)



- Cyan (58%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4353, 27.1005, 19.7767 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 20.4353, 27.1005, 19.7767 by changing the saturation by 10% instead.

■ 20.4353, 27.1005,
19.7767

■ 20.4353, 27.1005,
19.7767

247.0509,
288.1434, 263.2678

■ 12.8220, 17.6487,
12.0504

■ 43.6442, 55.0451,
43.8965

■ 7.3822, 10.6981,
6.6550

■ 59.9705, 74.3067,
61.1271

■ 3.7507, 5.8642,
3.1722

■ 79.9317, 97.6070,
82.3628

■ 1.5621, 2.7627,
1.1832

■ 103.8934,
125.3305, 108.0223

■ 0.3675, 1.0091,
0.0000

132.2208,
157.8614, 138.5239

■ 0.0000, 0.0000,
0.0000

165.2793,

195.5843, 174.2864

203.4342,
238.8835, 215.7282

■ 20.4353, 27.1005,
19.7767

■ 20.4353, 27.1005,
19.7767

■ 18.0612, 25.9577,
16.0383

■ 23.2462, 28.4574,
24.1100

■ 16.0997, 25.0147,
12.8670

■ 26.5122, 30.0348,
29.0607

■ 14.5279, 24.2610,
10.2358


■ 30.2529, 31.8434,
34.6522


■ 13.3194, 23.6836,
8.1144


■ 34.4865, 33.8918,
40.9064

■ 12.4445, 23.2681,
6.4698

■ 39.2298, 36.1885,
47.8439


 11.8690, 22.9975,
5.2651

 44.4993, 38.7413,
55.4846

 11.5176, 22.8338,
4.4602

 50.3103, 41.5579,
63.8475

 56.6778, 44.6456,
72.9509

 63.6160, 48.0113,
82.8124

Harmonies

Analogous

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



22.8364, 27.1005, 15.0532



20.4353, 27.1005, 19.7767



19.4563, 27.1005, 28.1728

Triad

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



20.4353, 27.1005, 19.7767



25.2877, 27.1005, 54.0066



32.4828, 27.1005, 21.6301

Complementary

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



20.4353, 27.1005, 19.7767



23.6619, 19.3949, 30.1014

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.



33.2922, 27.1005, 30.8844



20.4353, 27.1005, 19.7767



28.9192, 27.1005, 51.1130

Square

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



20.4353, 27.1005, 19.7767



22.0881, 27.1005, 49.1825



31.9334, 27.1005, 41.9996



29.8139, 27.1005, 15.9355

Rectangle

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



20.4353, 27.1005, 19.7767



19.6679, 27.1005, 35.3389



31.9334, 27.1005, 41.9996



32.9915, 27.1005, 24.3563

Sweetspot

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



20.4360, 27.1016, 19.7773



48.0383, 54.0573, 52.8844



26.1927, 30.1071, 18.3410



10.4204, 11.8460, 11.3962



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.



20.4360, 27.1016, 19.7773



33.6862, 47.1313, 30.8520



21.8545, 27.6690, 27.2469



6.1633, 6.9381, 6.7835



9.5263, 18.8740, 3.7259



0.1499, 0.2851, 0.0949

Inverse Universe

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



23.6619, 19.3949, 30.1014



40.4006, 31.0823, 52.3337



22.0737, 18.7596, 21.7377



6.4265, 6.3098, 7.6263



14.3675, 7.0012, 18.9922



0.2232, 0.1080, 0.3283

Previews

White Background



This preview shows how the XYZ color 20.4353, 27.1005, 19.7767 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 20.4353, 27.1005, 19.7767 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 20.4353, 27.1005, 19.7767

Background



This preview shows how black text looks on a background with the XYZ color 20.4353, 27.1005, 19.7767.



This preview shows how white text looks on a background with the XYZ color 20.4353, 27.1005,

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

20.4353, 27.1005, 19.7767

Protanopia

24.9941, 26.7118, 18.0259

Deuteranopia

27.3249, 26.7852, 20.5595



Tritanopia

23.8942, 27.0836, 36.7692

Trichromacy



Original Color

20.4353, 27.1005, 19.7767

Protanomaly

22.9315, 26.5275, 18.6635

Deuteranomaly

24.1531, 26.4466, 20.3547

Tritanomaly

22.4400, 26.9586, 29.6120

Monochromacy



Original Color

20.4353, 27.1005, 19.7767

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

21.9612, 25.2383, 23.7927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4353, 27.1005, 19.7767 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(107, 153, 113)` looks like.

```
.text, #text, p{  
    color:rgb(107, 153, 113)  
}
```

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(107, 153, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 153, 113) }
```

Border

The CSS property to change the border of an element to XYZ 20.4353, 27.1005, 19.7767 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(107, 153, 113) }
```


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

```
.border{ border-color:rgb(107, 153, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 153, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 153, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 153, 113);  
box-shadow:4px 4px 4px 4px rgb(107, 153,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4353, 27.1005, 19.7767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 153, 113) }
```

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

```
.background{ background-color: rgb(107,  
153, 113) }
```

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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