

Converting Colors

XYZ(21.2958, 21.7352, 3.9927)

Have a look what the booklet for
XYZ(21.2958, 21.7352, 3.9927)
contains.

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Color

**XYZ(21.2877, 21.6536,
3.9773)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7C19
RGB	157, 124, 25
RGB Percent	62%, 49%, 10%
CMY	0.3843, 0.5137, 0.9019
CMYK	0.00, 0.21, 0.84, 0.38
HSL	45°, 73%, 36%
HSV	45°, 84%, 62%
XYZ	21.2877, 21.6536, 3.9773
YIQ	122.5810, 51.4470, -23.7930

Conversions

Conversions Part 2

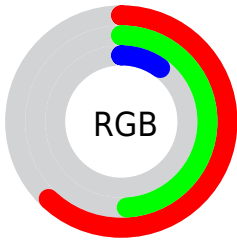
Format	Color
R_{YB}	69, 157, 25
Decimal	10320921
CIE _{Lab}	53.66, 3.40, 53.74
CIE _{LCh}	54, 53.847, 86.382
Yxy	21.6536, 0.4537, 0.4615
Android (android.graphics.Color)	4288511001 (0xFF9D7C19)
YUV	122.5810, -48.1074, 30.1855
Hunter-Lab	46.5334, 0.2251, 27.5058

Details

The XYZ color **21.2877, 21.6536, 3.9773** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.9998, 5.6670, 32.5701**, and the grayscale version is **18.8308, 19.8114, 21.5746**.

A 20% lighter version of the original color is **44.9609, 46.0623, 13.9183**, and **7.9513, 7.9356, 1.1126** is the 20% darker color. If you saturate the color by 10%, you get **20.6815, 20.6406, 3.1612**, and if you desaturate by 10%, it is **22.0095, 22.7459, 5.3013**.

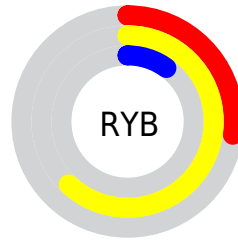
Distribution



Red (62%)

Green (49%)

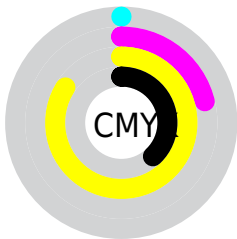
Blue (10%)



Red (27%)

Yellow (62%)

Blue (10%)

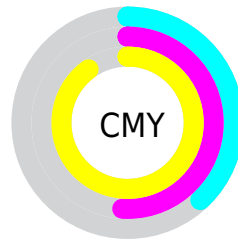


Cyan (0%)

Magenta (21%)

Yellow (84%)

Black (38%)



Cyan (38%)

Magenta (51%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2877, 21.6536, 3.9773 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 21.2877, 21.6536, 3.9773 by changing the saturation by 10% instead.

■ 21.2877, 21.6536,
3.9773

■ 21.2877, 21.6536,
3.9773

251.5064,
260.7319, 147.9727

■ 13.4481, 13.6026,
1.6129

■ 45.0535, 46.1728,
13.9574

■ 7.8170, 7.8448,
0.3000

■ 61.7105, 63.4098,
22.4101

■ 4.0289, 3.9958,
0.0000

■ 82.0373, 84.4776,
33.7294

■ 1.7185, 1.6712,
0.0000

■ 106.3993,
109.7605, 48.3338

■ 0.4678, 0.4049,
0.0000

■ 135.1619,
139.6430, 66.6417

■ 0.0000, 0.0000,
0.0000

■ 168.6903,

174.5095, 89.0719

207.3501,
214.7443, 116.0427

21.2877, 21.6536,
3.9773

21.2877, 21.6536,
3.9773

20.6815, 20.6406,
3.1612

22.0095, 22.7459,
5.3013

20.3540, 20.0671,
2.8006

22.8596, 23.9203,
7.2057

23.8505, 25.1831,
9.7525

24.9925, 26.5387,
12.9953

26.2949, 27.9911,
16.9820

■ 27.7662, 29.5442,
21.7562

■ 29.4142, 31.2013,
27.3584

■ 31.2463, 32.9657,
33.8259

■ 33.2694, 34.8405,
41.1941

Harmonies

Analogous

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



27.3405, 21.6536, 5.8014



21.2877, 21.6536, 3.9773



16.0424, 21.6536, 5.0507

Triad

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



21.2877, 21.6536, 3.9773



12.1697, 21.6536, 40.6628



31.2479, 21.6536, 45.8534

Complementary

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



21.2877, 21.6536, 3.9773



7.9998, 5.6670, 32.5701

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.



25.9041, 21.6536, 64.9251



21.2877, 21.6536, 3.9773



15.0391, 21.6536, 61.0728

Square

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



21.2877, 21.6536, 3.9773



11.3900, 21.6536, 21.6322



19.8903, 21.6536, 71.5002



33.7280, 21.6536, 25.6352

Rectangle

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



21.2877, 21.6536, 3.9773



13.5604, 21.6536, 7.7692



19.8903, 21.6536, 71.5002



29.6834, 21.6536, 52.9174

Sweetspot

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



21.2882, 21.6547, 3.9777



49.3373, 52.5087, 37.6718



15.0160, 8.1690, 4.7888



10.6637, 11.3528, 7.6580



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.2882, 21.6547, 3.9777



36.2941, 35.6219, 4.9628



20.5446, 28.4690, 5.3322



7.0297, 7.4393, 7.0511



16.5617, 16.3590, 2.2847



0.3271, 0.3545, 0.0512

Inverse Universe

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



7.9998, 5.6670, 32.5701



12.0826, 6.7267, 57.7883



8.1786, 4.0294, 32.2446



6.4128, 6.6913, 8.3602



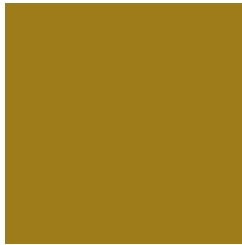
5.5645, 3.2205, 26.2356



0.1299, 0.1184, 0.4792

Previews

White Background



This preview shows how the XYZ color 21.2877, 21.6536, 3.9773 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 21.2877, 21.6536, 3.9773 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 21.2877, 21.6536, 3.9773

Background



This preview shows how black text looks on a background with the XYZ color 21.2877, 21.6536, 3.9773.



This preview shows how white text looks on a background with the XYZ color 21.2877, 21.6536,

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

21.2877, 21.6536, 3.9773

Protanopia

19.7138, 21.7948, 4.1451

Deuteranopia

22.0463, 21.6750, 3.9990



Tritanopia

24.8731, 21.5032, 21.9084

Trichromacy



Original Color

21.2877, 21.6536, 3.9773

Protanomaly

20.1703, 21.6429, 4.0917

Deuteranomaly

21.7666, 21.7141, 4.0213

Tritanomaly

22.9378, 21.2385, 12.1230

Monochromacy



Original Color

21.2877, 21.6536, 3.9773

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.7949, 20.0049, 11.8876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2877, 21.6536, 3.9773 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(157, 124, 25)` looks like.

```
.text, #text, p{  
    color:rgb(157, 124, 25)  
}
```

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(157, 124, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 124, 25) }
```

Border

The CSS property to change the border of an element to XYZ 21.2877, 21.6536, 3.9773 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(157, 124, 25) }
```


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

```
.border{ border-color:rgb(157, 124, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 124, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 124, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 124, 25);  
box-shadow:4px 4px 4px 4px rgb(157, 124,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2877, 21.6536, 3.9773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 124, 25) }
```

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

```
.background{ background-color: rgb(157,  
124, 25) }
```

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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