

Converting Colors

XYZ(27.3352, 21.6541, 72.5510)

Have a look what the booklet for
XYZ(27.3352, 21.6541, 72.5510)
contains.

XYZ(27.3352, 21.6541, 72.5510)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.3352, 21.6541,
72.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	7973DF
RGB	121, 115, 223
RGB Percent	47%, 45%, 87%
CMY	0.5255, 0.5490, 0.1255
CMYK	0.46, 0.48, 0.00, 0.13
HSL	243°, 63%, 66%
HSV	243°, 48%, 87%
XYZ	27.3352, 21.6541, 72.5510
YIQ	129.1060, -31.0920, 34.8600

Conversions

Conversions Part 2

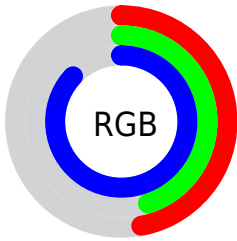
Format	Color
R _Y B	121, 115, 223
Decimal	7959519
CIE Lab	53.66, 29.79, -54.59
CIE LCh	54, 62.185, 298.622
Yxy	21.6541, 0.2249, 0.1782
Android (android.graphics.Color)	4286149599 (0xFF7973DF)
YUV	129.1060, 46.2897, -7.1090
Hunter-Lab	46.5340, 23.4209, -59.8651

Details

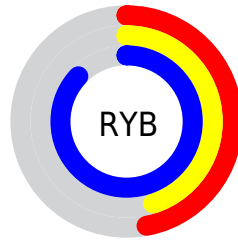
The XYZ color **27.3352, 21.6541, 72.5510** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **58.0969, 68.7648, 26.4310**, and the grayscale version is **20.7549, 21.8358, 23.7792**.

A 20% lighter version of the original color is **50.2288, 44.3224, 100.5155**, and **11.0321, 7.8611, 37.4951** is the 20% darker color. If you saturate the color by 10%, you get **22.4569, 15.8103, 71.6806**, and if you desaturate by 10%, it is **33.4745, 29.0615, 73.6576**.

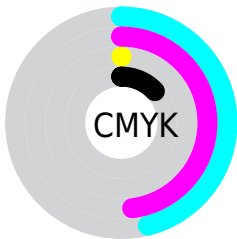
Distribution



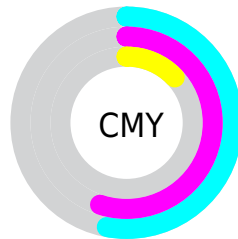
- Red (47%)
- Green (45%)
- Blue (87%)



- Red (47%)
- Yellow (45%)
- Blue (87%)



- Cyan (46%)
- Magenta (48%)
- Yellow (0%)
- Black (13%)



- Cyan (53%)
- Magenta (55%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3352, 21.6541, 72.5510 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 27.3352, 21.6541, 72.5510 by changing the saturation by 10% instead.

■ 27.3352, 21.6541,
72.5510

■ 27.3352, 21.6541,
72.5510

281.4145,
260.7345, 488.4862

■ 17.9630, 13.6030,
53.1193

■ 54.8374, 46.1736,
124.5546

■ 11.0230, 7.8450,
37.5097

■ 73.6981, 63.4108,
157.9636

■ 6.1497, 3.9960,
25.3035

■ 96.4524, 84.4788,
196.8687

■ 2.9778, 1.6713,
16.0822

■ 123.4656,
109.7620, 241.6886

■ 1.1421, 0.4050,
9.4274

155.1030,
139.6447, 292.8418

■ 0.0599, 0.0000,
4.9204

191.7301,

■ 0.0000, 0.0000,

174.5115, 350.7467

2.1427

233.7121,
214.7466, 415.8220

■ 0.0000, 0.0000,
0.6410

■ 0.0000, 0.0000,
0.0000

■ 27.3352, 21.6541,
72.5510

■ 27.3352, 21.6541,
72.5510

■ 22.4569, 15.8103,
71.6806

■ 33.4745, 29.0615,
73.6576

■ 18.7495, 11.4157,
71.0278

■ 40.9512, 38.1312,
75.0142

■ 16.1152, 8.3442,
70.5737

■ 49.8390, 48.9567,
76.6353

■ 14.4389, 6.4467,
70.2958

■ 60.2051, 61.6237,
78.5339

■ 13.5660, 5.5113,
70.1613

■ 72.1128, 76.2122,
80.7222

■ 13.4766, 5.4088,
70.1462

■ 85.6213, 92.7977,
83.2115

■ 90.3194, 98.1077,
83.9889

Harmonies

Analogous

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



20.2756, 21.6541, 82.4126



27.3352, 21.6541, 72.5510



33.5435, 21.6541, 48.2500

Triad

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



27.3352, 21.6541, 72.5510



27.9839, 21.6541, 4.0953



10.2616, 21.6541, 22.7078

Complementary

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



27.3352, 21.6541, 72.5510



58.0969, 68.7648, 26.4310

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.



11.4806, 21.6541, 9.1873



27.3352, 21.6541, 72.5510



20.8906, 21.6541, 2.6464

Square

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



27.3352, 21.6541, 72.5510



33.9712, 21.6541, 10.0255



15.0434, 21.6541, 3.8272



11.2734, 21.6541, 45.8325

Rectangle

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



27.3352, 21.6541, 72.5510



35.8359, 21.6541, 31.5660



15.0434, 21.6541, 3.8272



10.4181, 21.6541, 17.0653

Sweetspot

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



27.3361, 21.6548, 72.5515



71.9747, 71.7578, 104.6649



45.3578, 58.9086, 78.7924



14.7925, 14.6106, 22.2904



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.3361, 21.6548, 72.5515



30.4307, 21.4229, 97.1389



36.9953, 26.6343, 73.0036



13.0222, 13.2795, 17.2645



7.9540, 3.1957, 41.2460



0.5766, 0.2345, 2.8601

Inverse Universe

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



49.0865, 32.9595, 69.4184



63.2624, 38.4980, 91.9131



44.7101, 61.8637, 25.8045



14.2604, 13.9218, 17.1414



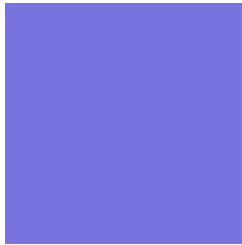
24.7917, 11.9837, 37.1642



1.7286, 0.8347, 2.6297

Previews

White Background



This preview shows how the XYZ color 27.3352, 21.6541, 72.5510 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 27.3352, 21.6541, 72.5510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

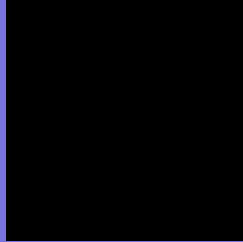
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3352, 21.6541, 72.5510

Background



This preview shows how black text looks on a background with the XYZ color 27.3352, 21.6541, 72.5510.



This preview shows how white text looks on a background with the XYZ color 27.3352, 21.6541,

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

27.3352, 21.6541, 72.5510

Protanopia

24.6748, 21.7374, 79.2392

Deuteranopia

22.5134, 21.7674, 70.7251



Tritanopia

18.8147, 21.7731, 29.5966

Trichromacy



Original Color

27.3352, 21.6541, 72.5510

Protanomaly

25.3939, 21.6072, 76.9609

Deuteranomaly

23.6521, 21.3851, 71.2877

Tritanomaly

21.3165, 21.3840, 42.5392

Monochromacy



Original Color

27.3352, 21.6541, 72.5510

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.4227, 21.4953, 37.6175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3352, 21.6541, 72.5510 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(121, 115, 223)` looks like.

```
.text, #text, p{  
    color:rgb(121, 115, 223)  
}
```

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(121, 115, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 115, 223) }
```

Border

The CSS property to change the border of an element to XYZ 27.3352, 21.6541, 72.5510 is called "border". The border property can be set on classes, ids or directly on the HTML element.

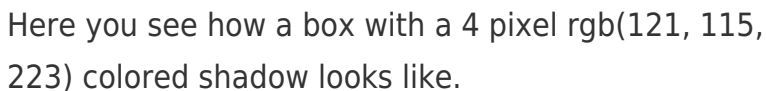
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(121, 115, 223) }
```


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

```
.border{ border-color:rgb(121, 115, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(121, 115, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 115, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 115, 223); box-shadow:4px 4px 4px 4px rgb(121, 115, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3352, 21.6541, 72.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 115, 223) }
```

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

```
.background{ background-color: rgb(121,  
115, 223) }
```

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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