

Converting Colors

XYZ(20.7196, 17.3550, 60.6503)

Have a look what the booklet for
XYZ(20.7196, 17.3550, 60.6503)
contains.

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Color

**XYZ(20.7196, 17.3550,
60.6503)**

Conversions

Conversions Part 1

Format	Color
Hex	5A6CCE
RGB	90, 108, 206
RGB Percent	35%, 42%, 81%
CMY	0.6470, 0.5765, 0.1922
CMYK	0.56, 0.48, 0.00, 0.19
HSL	231°, 54%, 58%
HSV	231°, 56%, 81%
XYZ	20.7196, 17.3550, 60.6503
YIQ	113.7900, -42.1860, 26.6620

Conversions

Conversions Part 2

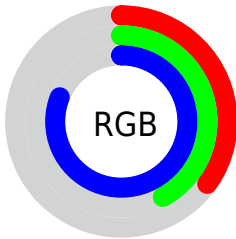
Format	Color
R_{YB}	90, 106, 206
Decimal	5926094
CIE _{Lab}	48.70, 22.02, -53.00
CIE _{LCh}	49, 57.393, 292.564
Yxy	17.3550, 0.2099, 0.1758
Android (android.graphics.Color)	4284116174 (0xFF5A6CCE)
YUV	113.7900, 45.4595, -20.8638
Hunter-Lab	41.6593, 15.8746, -57.1566

Details

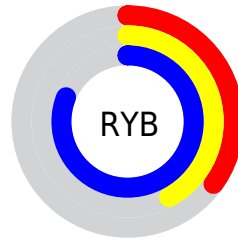
The XYZ color **20.7196, 17.3550, 60.6503** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **45.2839, 49.8290, 16.9054**, and the grayscale version is **15.8095, 16.6328, 18.1131**.

A 20% lighter version of the original color is **42.6609, 38.3122, 99.7543**, and **7.5232, 5.7103, 29.9838** is the 20% darker color. If you saturate the color by 10%, you get **17.3305, 13.1498, 60.0176**, and if you desaturate by 10%, it is **25.0318, 22.5803, 61.4320**.

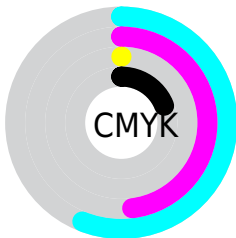
Distribution



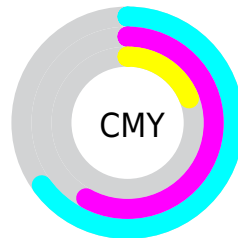
- Red (35%)
- Green (42%)
- Blue (81%)



- Red (35%)
- Yellow (42%)
- Blue (81%)



- Cyan (56%)
- Magenta (48%)
- Yellow (0%)
- Black (19%)



- Cyan (65%)
- Magenta (58%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7196, 17.3550, 60.6503 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 20.7196, 17.3550, 60.6503 by changing the saturation by 10% instead.

■ 20.7196, 17.3550,
60.6503

■ 20.7196, 17.3550,
60.6503

248.5446,
237.2099, 444.8616

■ 13.0305, 10.4879,
43.5143

■ 44.1152, 38.9351,
107.3250

■ 7.5267, 5.7236,
29.9545

■ 60.5524, 54.4170,
137.7008

■ 3.8428, 2.6778,
19.5523

■ 80.6363, 73.5392,
173.3269

■ 1.6136, 0.9659,
11.8892

■ 104.7324, 96.6862,
214.6220

■ 0.4013, 0.0000,
6.5466

133.2059,
124.2424, 262.0044

■ 0.0000, 0.0000,
3.1061

166.4221,

■ 0.0000, 0.0000,

156.5922, 315.8928

1.1491

204.7466,
194.1199, 376.7057

■ 0.0000, 0.0000,
0.0000

■ 20.7196, 17.3550,
60.6503

■ 20.7196, 17.3550,
60.6503

■ 17.3305, 13.1498,
60.0176

■ 25.0318, 22.5803,
61.4320

■ 14.7931, 9.8948,
59.5231

■ 30.3266, 28.8858,
62.3700

■ 13.0291, 7.5139,
59.1565

■ 36.6612, 36.3287,
63.4728

■ 11.9413, 5.9163,
58.9054

■ 44.0877, 44.9619,
64.7477

■ 11.6560, 5.4870,
58.8376

■ 52.6546, 54.8347,
66.2018

■ 62.4077, 65.9937,
67.8417

■ 73.3898, 78.4830,
69.6736

■ 85.6421, 92.3448,
71.7034

■ 88.1406, 97.2363,
72.5158

Harmonies

Analogous

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



15.2122, 17.3550, 65.0777



20.7196, 17.3550, 60.6503



25.9746, 17.3550, 42.7476

Triad

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



20.7196, 17.3550, 60.6503



23.4924, 17.3550, 3.9107



8.3179, 17.3550, 15.3678

Complementary

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



20.7196, 17.3550, 60.6503



45.2839, 49.8290, 16.9054

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.



9.6587, 17.3550, 6.1343



20.7196, 17.3550, 60.6503



17.8488, 17.3550, 2.2213

Square

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



20.7196, 17.3550, 60.6503



27.7997, 17.3550, 9.7695



12.8883, 17.3550, 2.7331



8.7653, 17.3550, 32.4420

Rectangle

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



20.7196, 17.3550, 60.6503



28.2433, 17.3550, 29.0521



12.8883, 17.3550, 2.7331



8.5624, 17.3550, 11.4355

Sweetspot

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



20.7203, 17.3556, 60.6507



70.2694, 71.5027, 104.7055



35.2226, 49.8905, 54.6011



14.4924, 14.6692, 22.3175



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.



20.7203, 17.3556, 60.6507



26.9105, 19.8270, 97.0164



23.8007, 16.4110, 60.3061



10.7400, 11.1203, 14.1508



7.2231, 3.4702, 36.2454



0.4183, 0.2704, 1.8851

Inverse Universe

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



31.8173, 21.5180, 16.6641



46.9607, 28.3278, 17.3202



39.9245, 53.1333, 17.8257



11.2821, 11.2416, 12.0202



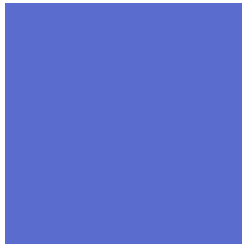
15.8568, 8.1533, 1.6986



0.8411, 0.4298, 0.2090

Previews

White Background



This preview shows how the XYZ color 20.7196, 17.3550, 60.6503 looks on a white 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

Black Background



This preview shows how the XYZ color 20.7196, 17.3550, 60.6503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

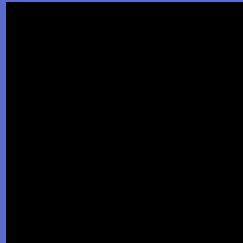
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.7196, 17.3550, 60.6503

Background



This preview shows how black text looks on a background with the XYZ color 20.7196, 17.3550, 60.6503.



This preview shows how white text looks on a background with the XYZ color 20.7196, 17.3550,

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

20.7196, 17.3550, 60.6503

Protanopia

19.7418, 17.4348, 63.2975

Deuteranopia

17.9879, 17.4573, 59.5483



Tritanopia

13.7567, 17.4733, 25.5693

Trichromacy



Original Color

20.7196, 17.3550, 60.6503

Protanomaly

20.0947, 17.4682, 62.6342

Deuteranomaly

18.6676, 17.2832, 60.1097

Tritanomaly

15.7775, 17.1833, 36.2034

Monochromacy



Original Color

20.7196, 17.3550, 60.6503

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.8863, 16.6982, 29.9368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7196, 17.3550, 60.6503 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(90, 108, 206)` looks like.

```
.text, #text, p{  
    color:rgb(90, 108, 206)  
}
```

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(90, 108, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 108, 206) }
```

Border

The CSS property to change the border of an element to XYZ 20.7196, 17.3550, 60.6503 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(90, 108, 206) }
```


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

```
.border{ border-color:rgb(90, 108, 206) }
```

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

Here you see how a box with a 4 pixel rgb(90, 108, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 108, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 108, 206);  
box-shadow:4px 4px 4px 4px rgb(90, 108,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7196, 17.3550, 60.6503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 108, 206) }
```

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

```
.background{ background-color: rgb(90, 108,  
206) }
```

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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