

Converting Colors

XYZ(20.5911, 22.9713, 37.1734)

Have a look what the booklet for
XYZ(20.5911, 22.9713, 37.1734)
contains.

XYZ(20.6040, 22.9482, 37.0617)	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(20.6040, 22.9482,
37.0617)**

Conversions

Conversions Part 1

Format	Color
Hex	6588A1
RGB	101, 136, 161
RGB Percent	40%, 53%, 63%
CMY	0.6039, 0.4667, 0.3686
CMYK	0.37, 0.16, 0.00, 0.37
HSL	205°, 24%, 51%
HSV	205°, 37%, 63%
XYZ	20.6040, 22.9482, 37.0617
YIQ	128.3850, -28.8850, 0.3550

Conversions

Conversions Part 2

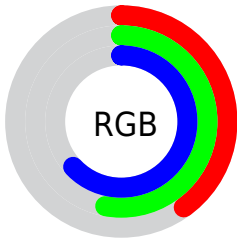
Format	Color
RYB	101, 123, 161
Decimal	6654113
CIELab	55.02, -5.76, -17.20
CIELCh	55, 18.134, 251.491
Yxy	22.9482, 0.2556, 0.2847
Android (android.graphics.Color)	4284844193 (0xFF6588A1)
YUV	128.3850, 16.0792, -24.0166
Hunter-Lab	47.9043, -7.0583, -12.3374

Details

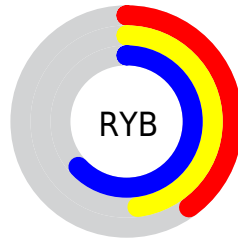
The XYZ color **20.6040, 22.9482, 37.0617** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **24.5082, 23.4388, 15.5450**, and the grayscale version is **20.6051, 21.6782, 23.6076**.

A 20% lighter version of the original color is **43.9187, 48.2231, 71.9590**, and **7.4035, 8.4378, 15.7065** is the 20% darker color. If you saturate the color by 10%, you get **18.0596, 20.2781, 36.6808**, and if you desaturate by 10%, it is **23.5621, 25.9204, 37.4799**.

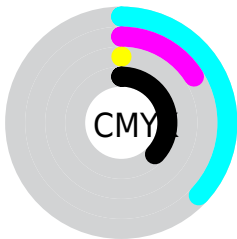
Distribution



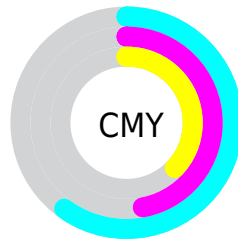
- Red (40%)
- Green (53%)
- Blue (63%)



- Red (40%)
- Yellow (48%)
- Blue (63%)



- Cyan (37%)
- Magenta (16%)
- Yellow (0%)
- Black (37%)



- Cyan (60%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6040, 22.9482, 37.0617 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 20.6040, 22.9482, 37.0617 by changing the saturation by 10% instead.

■ 20.6040, 22.9482,
37.0617

■ 20.6040, 22.9482,
37.0617

247.9382,
267.4588, 348.7543

■ 12.9457, 14.5553,
24.9591

■ 43.9238, 48.3083,
71.8551

■ 7.4679, 8.5079,
15.8278

■ 60.3160, 66.0442,
95.3829

■ 3.8053, 4.4216,
9.2494

■ 80.3501, 87.6632,
123.5562

■ 1.5926, 1.9121,
4.8052

■ 104.3916,
113.5497, 156.7936

■ 0.3876, 0.5556,
2.0767

132.8058,
144.0882, 195.5136

■ 0.0000, 0.0000,
0.6018

165.9581,

■ 0.0000, 0.0000,

179.6629, 240.1346

0.0000

204.2137,
220.6583, 291.0754

■ 20.6040, 22.9482,
37.0617

■ 20.6040, 22.9482,
37.0617

■ 18.0596, 20.2781,
36.6808

■ 23.5621, 25.9204,
37.4799

■ 15.9051, 17.8947,
36.3343

■ 26.9518, 29.2039,
37.9350

■ 14.1170, 15.7847,
36.0213

■ 30.7926, 32.8109,
38.4288

■ 12.6686, 13.9328,
35.7402

■ 35.1020, 36.7517,
38.9623

■ 11.5288, 12.3210,
35.4892

■ 39.8966, 41.0364,
39.5366

■ 10.6486, 10.9225,
35.2656

■ 45.1920, 45.6745,
40.1528

■ 10.4286, 10.5643,
35.2081

■ 51.0033, 50.6751,
40.8117

■ 57.3447, 56.0468,
41.5143

■ 64.2301, 61.7982,
42.2616

Harmonies

Analogous

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



19.0349, 22.9482, 33.0867



20.6040, 22.9482, 37.0617



22.5929, 22.9482, 37.5211

Triad

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



20.6040, 22.9482, 37.0617



25.8350, 22.9482, 22.8397



19.3430, 22.9482, 17.5593

Complementary

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



20.6040, 22.9482, 37.0617



24.5082, 23.4388, 15.5450

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.



21.0484, 22.9482, 15.6101



20.6040, 22.9482, 37.0617



24.8460, 22.9482, 18.3299

Square

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



20.6040, 22.9482, 37.0617



25.6978, 22.9482, 28.6792



23.0654, 22.9482, 15.8686



18.3384, 22.9482, 21.6255

Rectangle

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



20.6040, 22.9482, 37.0617



23.8997, 22.9482, 35.6991



23.0654, 22.9482, 15.8686



19.8487, 22.9482, 16.6653

Sweetspot

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



20.6047, 22.9491, 37.0622



52.3373, 56.1449, 68.4651



21.8139, 29.7376, 23.9929



11.2882, 12.1350, 14.9910



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



20.6047, 22.9491, 37.0622



32.9469, 36.9637, 65.7847



17.0582, 15.8560, 35.8801



7.0276, 7.5141, 8.9830



8.3698, 8.5190, 28.1330



0.2210, 0.2693, 0.6062

Inverse Universe

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



23.7962, 18.6627, 25.6415



39.6999, 28.7308, 41.4313



28.7687, 31.9598, 16.9652



7.2389, 7.1520, 8.2443



13.3702, 6.7041, 9.1399



0.3037, 0.1500, 0.3120

Previews

White Background



This preview shows how the XYZ color 20.6040, 22.9482, 37.0617 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 20.6040, 22.9482, 37.0617 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

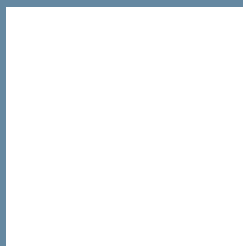
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6040, 22.9482, 37.0617

Background



This preview shows how black text looks on a background with the XYZ color 20.6040, 22.9482, 37.0617.



This preview shows how white text looks on a background with the XYZ color 20.6040, 22.9482,

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

20.6040, 22.9482, 37.0617

Protanopia

22.6726, 22.8352, 35.1109

Deuteranopia

23.3632, 22.9341, 37.8457



Tritanopia

19.5503, 22.9436, 31.8319

Trichromacy



Original Color

20.6040, 22.9482, 37.0617

Protanomaly

21.7589, 22.7531, 35.5927

Deuteranomaly

22.2441, 22.9627, 37.4423

Tritanomaly

19.8410, 22.8439, 33.5006

Monochromacy



Original Color

20.6040, 22.9482, 37.0617

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.3211, 21.9776, 27.9820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6040, 22.9482, 37.0617 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(101, 136, 161)` looks like.

```
.text, #text, p{  
    color:rgb(101, 136, 161)  
}
```

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(101, 136, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 136, 161) }
```

Border

The CSS property to change the border of an element to XYZ 20.6040, 22.9482, 37.0617 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(101, 136, 161) }
```


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

```
.border{ border-color:rgb(101, 136, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 136, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 136, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 136, 161);  
box-shadow:4px 4px 4px 4px rgb(101, 136,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6040, 22.9482, 37.0617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 136, 161) }
```

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

```
.background{ background-color: rgb(101,  
136, 161) }
```

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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